In [0]:

```python
from google.colab import drive
drive.mount('/content/gdrive')
```

Go to this URL in a browser: https://accounts.google.com/o/oauth2/auth?client_id=947318989803-6bn6
qk8qdgf4n4g3pfee6491hc0brc4i.apps.googleusercontent.com&redirect_uri=urn%3aietf%3awg%3aoauth%3a2.0%
b&response_type=code&scope=email%20https%3a%2f%2fwww.googleapis.com%2fauth%2fdocs.test%20https%3a%2
www.googleapis.com%2fauth%2fdrive%20https%3a%2f%2fwww.googleapis.com%2fauth%2fdrive.photos.readonly
ttps%3a%2f%2fwww.googleapis.com%2fauth%2fpeopleapi.readonly

Enter your authorization code:
....
Mounted at /content/gdrive

In [0]:

```python
%tensorflow_version 1.x
import tensorflow as tf
!pip show tensorflow
```

TensorFlow 1.x selected.
Name: tensorflow
Version: 1.15.2
Summary: TensorFlow is an open source machine learning framework for everyone.
Home-page: https://www.tensorflow.org/
Author: Google Inc.
Author-email: packages@tensorflow.org
License: Apache 2.0
Location: /tensorflow-1.15.2/python3.6
Requires: termcolor, keras-applications, tensorflow-estimator, keras-preprocessing, numpy, wrapt,
wheel, absl-py, google-pasta, protobuf, gast, grpcio, opt-einsum, tensorboard, astor, six
Required-by: stable-baselines, magenta, fancyimpute

In [0]:

```python
%matplotlib inline

import warnings
warnings.filterwarnings("ignore")
import sqlite3
import pandas as pd
import numpy as np
import nltk
import string
import matplotlib.pyplot as plt
import seaborn as sns
from sklearn.feature_extraction.text import TfidfVectorizer
from sklearn.feature_extraction.text import CountVectorizer
from sklearn.metrics import confusion_matrix
from sklearn import metrics
from sklearn.metrics import roc_curve, auc
from nltk.stem.porter import PorterStemmer
import re
# Tutorial about Python regular expressions: https://pymotw.com/2/re/
import string
from nltk.corpus import stopwords
from nltk.stem import PorterStemmer
from nltk.stem.wordnet import WordNetLemmatizer
from gensim.models import Word2Vec
from gensim.models import KeyedVectors
import pickle
from tqdm import tqdm
import os
#import chart_studio.plotly
import plotly.offline as offline
import plotly.graph_objs as go
offline.init_notebook_mode()
from collections import Counter
from scipy.sparse import hstack,vstack
from sklearn.model_selection import train_test_split
```

```python
from sklearn.metrics import accuracy_score
from sklearn import model_selection
from sklearn.metrics import roc_auc_score
from sklearn.model_selection import GridSearchCV
from prettytable import PrettyTable
from sklearn.preprocessing import Normalizer
import nltk
from nltk.sentiment.vader import SentimentIntensityAnalyzer
nltk.download('vader_lexicon')
import pdb
from sklearn.preprocessing import LabelEncoder
import graphviz
from sklearn import tree
from graphviz import Source
from sklearn.externals.six import StringIO
from IPython.display import Image
from sklearn.tree import export_graphviz
import pydotplus
from sklearn.preprocessing import StandardScaler
# Credits: https://machinelearningmastery.com/sequence-classification-lstm-recurrent-neural-networks-python-keras/
# LSTM for sequence classification in the IMDB dataset
import numpy
from keras.datasets import imdb
from keras.models import Sequential
from keras.layers import Dense
from keras.layers import LSTM
from keras.layers.embeddings import Embedding
from keras.layers import Flatten
from keras.layers import concatenate,Reshape

from keras.layers import Dropout
from keras.layers import BatchNormalization
from keras.layers import Input
from keras.layers import CuDNNLSTM
from keras.preprocessing import sequence
from keras.initializers import he_normal,glorot_normal
# fix random seed for reproducibility
numpy.random.seed(7)
from numpy import array
from numpy import asarray
from numpy import zeros
from keras.preprocessing.text import Tokenizer
from keras.preprocessing.sequence import pad_sequences
from keras.models import Model
from keras.utils.vis_utils import plot_model

#%tensorflow_version 1.x
from keras.callbacks import *
import keras
from tensorboardcolab import *
from keras.regularizers import l2
import keras.backend as K
import tensorflow as tf
from keras.utils.np_utils import to_categorical
from keras.layers import Reshape
from keras.layers import LeakyReLU, MaxPooling1D
from keras.layers.convolutional import Conv1D
from keras.models import load_model
```

```
[nltk_data] Downloading package vader_lexicon to /root/nltk_data...
[nltk_data]   Package vader_lexicon is already up-to-date!
```

In [0]:

```python
!pip show tensorflow
```

```
Name: tensorflow
Version: 1.15.2
Summary: TensorFlow is an open source machine learning framework for everyone.
Home-page: https://www.tensorflow.org/
Author: Google Inc.
Author-email: packages@tensorflow.org
License: Apache 2.0
```

```
Location: /tensorflow-1.15.2/python3.6
Requires: six, grpcio, wheel, keras-preprocessing, opt-einsum, gast, termcolor, absl-py, numpy, te
nsorboard, tensorflow-estimator, astor, keras-applications, protobuf, google-pasta, wrap
Required-by: stable-baselines, magenta, fancyimpute
```

```python
Project_data = pd.read_csv('/content/gdrive/My Drive/Colab Notebooks/preprocessed_data.csv')
print(Project_data.shape)
```

```
(109248, 9)
```

```python
SS = Project_data['project_is_approved'].values
Project_data.drop(['project_is_approved'], axis=1, inplace=True)

X1 = Project_data
# train test split
X, X_Test, Y, Y_Test = train_test_split(X1, SS, test_size=0.3, random_state=0, stratify=SS)
X_Train, X_CV, Y_Train, Y_CV = train_test_split(X, Y, test_size=0.2, random_state=0, stratify=Y)
print('Shape of X_Train: ',X_Train.shape)
print('Shape of Y_Train: ',Y_Train.shape)
print('Shape of X_CV: ',X_CV.shape)
print('Shape of Y_CV: ',Y_CV.shape)
print('Shape of X_Test: ',X_Test.shape)
print('Shape of y_Test: ',Y_Test.shape)
```

```
Shape of X_Train:  (61178, 8)
Shape of Y_Train:  (61178,)
Shape of X_CV:  (15295, 8)
Shape of Y_CV:  (15295,)
Shape of X_Test:  (32775, 8)
Shape of y_Test:  (32775,)
```

```python
#https://stackoverflow.com/questions/21057621/sklearn-labelencoder-with-never-seen-before-values

class LabelEncoderExt(object):
    def __init__(self):
        """
        It differs from LabelEncoder by handling new classes and providing a value for it
[Unknown]
        Unknown will be added in fit and transform will take care of new item. It gives unknown
class id
        """
        self.label_encoder = LabelEncoder()
        # self.classes_ = self.label_encoder.classes_

    def fit(self, data_list):
        """
        This will fit the encoder for all the unique values and introduce unknown value
        :param data_list: A list of string
        :return: self
        """
        self.label_encoder = self.label_encoder.fit(list(data_list) + ['Unknown'])
        self.classes_ = self.label_encoder.classes_

        return self

    def transform(self, data_list):
        """
        This will transform the data_list to id list where the new values get assigned to Unknown
class
        :param data_list:
        :return:
        """
        new_data_list = list(data_list)
        for unique_item in np.unique(data_list):
            if unique_item not in self.label_encoder.classes_:
                new_data_list = ['Unknown' if x==unique_item else x for x in new_data_list]
```

```
        return self.label_encoder.transform(new_data_list)
```

In [0]:

```
Project_data.columns
```

Out[0]:

```
Index(['school_state', 'teacher_prefix', 'project_grade_category',
       'teacher_number_of_previously_posted_projects', 'clean_categories',
       'clean_subcategories', 'essay', 'price'],
      dtype='object')
```

2.2 Make Data Model Ready: encoding numerical, categorical features

In [0]:

```
# we use count vectorizer to convert the values into one
# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter = Counter()
for word in X_Train['clean_categories'].values:
    my_counter.update(word.split())
cat_dict = dict(my_counter)
sorted_cat_dict_Train = dict(sorted(cat_dict.items(), key=lambda kv: kv[1]))
print(len(sorted_cat_dict_Train))
print(sorted_cat_dict_Train)


vectorizer = LabelEncoderExt()
vectorizer.fit(X_Train['clean_categories'].values)
categories_one_hot_Train = vectorizer.transform(X_Train['clean_categories'].values)
categories_one_hot_CV = vectorizer.transform(X_CV['clean_categories'].values)
categories_one_hot_Test = vectorizer.transform(X_Test['clean_categories'].values)
print("Shape of categories_one_hot_Train matrix after one hot encodig ",categories_one_hot_Train.s
hape)
print("Shape of categories_one_hot_CV matrix after one hot encodig ",categories_one_hot_CV.shape)
print("Shape of categories_one_hot_Test matrix after one hot encodig ",categories_one_hot_Test.sha
pe)
```

```
9
{'warmth': 794, 'care_hunger': 794, 'history_civics': 3210, 'music_arts': 5708, 'appliedlearning':
6876, 'specialneeds': 7701, 'health_sports': 8045, 'math_science': 23150, 'literacy_language':
29216}
Shape of categories_one_hot_Train matrix after one hot encodig  (61178,)
Shape of categories_one_hot_CV matrix after one hot encodig  (15295,)
Shape of categories_one_hot_Test matrix after one hot encodig  (32775,)
```

In [0]:

```
# we use count vectorizer to convert the values into one
# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter = Counter()
for word in X_Train['clean_subcategories'].values:
    my_counter.update(word.split())
sub_cat_dict = dict(my_counter)
sorted_sub_cat_dict_Train = dict(sorted(sub_cat_dict.items(), key=lambda kv: kv[1]))
print(sorted_sub_cat_dict_Train)
print(len(sorted_sub_cat_dict_Train))

vectorizer = LabelEncoderExt()
vectorizer.fit(X_Train['clean_subcategories'].values)
sub_categories_one_hot_Train = vectorizer.transform(X_Train['clean_subcategories'].values)
sub_categories_one_hot_CV = vectorizer.transform(X_CV['clean_subcategories'].values)
sub_categories_one_hot_Test = vectorizer.transform(X_Test['clean_subcategories'].values)
print("Shape of Sub_categories_one_hot_Train matrix after one hot encodig
",sub_categories_one_hot_Train.shape)
print("Shape of Sub_categories_one_hot_CV matrix after one hot encodig ",sub_categories_one_hot_CV
.shape)
print("Shape of Sub_categories_one_hot_Test matrix after one hot encodig
",sub_categories_one_hot_Test.shape)
```

```
{'economics': 141, 'communityservice': 235, 'financialliteracy': 306, 'parentinvolvement': 385, 'c
ivics_government': 443, 'extracurricular': 457, 'foreignlanguages': 489, 'nutritioneducation': 757
, 'warmth': 794, 'care_hunger': 794, 'socialsciences': 1053, 'performingarts': 1102,
'charactereducation': 1146, 'teamsports': 1171, 'other': 1374, 'college_careerprep': 1467,
'history_geography': 1705, 'music': 1727, 'health_lifescience': 2365, 'earlydevelopment': 2408, 'e
sl': 2499, 'gym_fitness': 2588, 'environmentalscience': 3108, 'visualarts': 3501,
'health_wellness': 5812, 'appliedsciences': 6121, 'specialneeds': 7701, 'literature_writing':
12293, 'mathematics': 15662, 'literacy': 18894}
30
Shape of Sub_categories_one_hot_Train matrix after one hot encodig  (61178,)
Shape of Sub_categories_one_hot_CV matrix after one hot encodig  (15295,)
Shape of Sub_categories_one_hot_Test matrix after one hot encodig  (32775,)
```

School State

In [0]:

```python
# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter_sch = Counter()
for word in X_Train['school_state'].values:
    my_counter_sch.update(word.split())

# dict sort by value python: https://stackoverflow.com/a/613218/4084039
sch_dict = dict(my_counter_sch)
sorted_sch_dict = dict(sorted(sch_dict.items(), key=lambda kv: kv[1]))

vectorizer_sch = CountVectorizer(vocabulary=list(sorted_sch_dict.keys()), lowercase=False, binary=
True)
vectorizer_sch.fit(X_Train['school_state'].values)
#print(vectorizer.get_feature_names())

vectorizer = LabelEncoderExt()
vectorizer.fit(X_Train['school_state'].values)
sch_one_hot_Train = vectorizer.transform(X_Train['school_state'].values)
sch_one_hot_CV = vectorizer.transform(X_CV['school_state'].values)
sch_one_hot_Test = vectorizer.transform(X_Test['school_state'].values)

print("Shape of sch_one_hot_Train matrix after one hot encodig ",sch_one_hot_Train.shape)
print("Shape of sch_one_hot_CV matrix after one hot encodig ",sch_one_hot_CV.shape)
print("Shape of sch_one_hot_Test matrix after one hot encodig ",sch_one_hot_Test.shape)
```

```
Shape of sch_one_hot_Train matrix after one hot encodig  (61178,)
Shape of sch_one_hot_CV matrix after one hot encodig  (15295,)
Shape of sch_one_hot_Test matrix after one hot encodig  (32775,)
```

Prefix

In [0]:

```python
# remove special characters from list of strings python:
https://stackoverflow.com/a/47301924/4084039
# https://www.geeksforgeeks.org/removing-stop-words-nltk-python/
# https://stackoverflow.com/questions/23669024/how-to-strip-a-specific-word-from-a-string
# https://stackoverflow.com/questions/8270092/remove-all-whitespace-in-a-string-in-python

# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter_prefix_Train = Counter()
for word in X_Train['teacher_prefix'].values:
    my_counter_prefix_Train.update(word.split())

# dict sort by value python: https://stackoverflow.com/a/613218/4084039
prefix_dict_Train = dict(my_counter_prefix_Train)
sorted_prefix_dict_Train = dict(sorted(prefix_dict_Train.items(), key=lambda kv: kv[1]))

vectorizer = LabelEncoderExt()
vectorizer.fit(X_Train['teacher_prefix'].values)
prefix_one_hot_Train = vectorizer.transform(X_Train['teacher_prefix'].values)
prefix_one_hot_CV = vectorizer.transform(X_CV['teacher_prefix'].values)
prefix_one_hot_Test = vectorizer.transform(X_Test['teacher_prefix'].values)

print("Shape of prefix_one_hot_Train matrix after one hot encodig ",prefix_one_hot_Train.shape)
print("Shape of prefix_one_hot_CV matrix after one hot encodig ",prefix_one_hot_CV.shape)
```

```
print("Shape of prefix_one_hot_Test matrix after one hot encodig ",prefix_one_hot_Test.shape)
```

```
Shape of prefix_one_hot_Train matrix after one hot encodig   (61178,)
Shape of prefix_one_hot_CV matrix after one hot encodig   (15295,)
Shape of prefix_one_hot_Test matrix after one hot encodig   (32775,)
```

project_grade_category

In [0]:

```python
# remove special characters from list of strings python:
https://stackoverflow.com/a/47301924/4084039
# https://www.geeksforgeeks.org/removing-stop-words-nltk-python/
# https://stackoverflow.com/questions/23669024/how-to-strip-a-specific-word-from-a-string
# https://stackoverflow.com/questions/8270092/remove-all-whitespace-in-a-string-in-python

# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter_grade_train = Counter()
for word in X_Train['project_grade_category'].values:
    my_counter_grade_train.update(word.split())


vectorizer = LabelEncoderExt()
vectorizer.fit(X_Train['project_grade_category'].values)
grade_one_hot_train = vectorizer.transform(X_Train['project_grade_category'].values)
grade_one_hot_CV = vectorizer.transform(X_CV['project_grade_category'].values)
grade_one_hot_Test = vectorizer.transform(X_Test['project_grade_category'].values)


print("Shape of grade_one_hot_train matrix after one hot encodig ",grade_one_hot_train.shape)
print("Shape of grade_one_hot_CV matrix after one hot encodig ",grade_one_hot_CV.shape)
print("Shape of grade_one_hot_Test matrix after one hot encodig ",grade_one_hot_Test.shape)
```

```
Shape of grade_one_hot_train matrix after one hot encodig   (61178,)
Shape of grade_one_hot_CV matrix after one hot encodig   (15295,)
Shape of grade_one_hot_Test matrix after one hot encodig   (32775,)
```

In [0]:

```python
#https://medium.com/@davidheffernan_99410/an-introduction-to-using-categorical-embeddings-ee686ed7
e7f9
categorical_field =
["teacher_prefix","school_state","project_grade_category","clean_categories","clean_subcategories"
]
categorical_sizes = {}
categorical_embsizes = {}

categorical_sizes["teacher_prefix"] = X_Train["teacher_prefix"].nunique()
categorical_embsizes["teacher_prefix"] = min(50, categorical_sizes["teacher_prefix"]//2+1)

categorical_sizes["school_state"] = X_Train["school_state"].nunique()
categorical_embsizes["school_state"] = min(50, categorical_sizes["school_state"]//2+1)

categorical_sizes["project_grade_category"] = X_Train["project_grade_category"].nunique()
categorical_embsizes["project_grade_category"] = min(50,
categorical_sizes["project_grade_category"]//2+1)

categorical_sizes["clean_categories"] = X_Train["clean_categories"].nunique()
categorical_embsizes["clean_categories"] = min(50, categorical_sizes["clean_categories"]//2+1)

categorical_sizes["clean_subcategories"] = X_Train["clean_subcategories"].nunique()
categorical_embsizes["clean_subcategories"] = min(50, categorical_sizes["clean_subcategories"]//2+1
)

print("Categorical Size for each category :", categorical_sizes)
print("Categorical_Embeeding Size for each category :",categorical_embsizes)
```

```
Categorical Size for each category : {'teacher_prefix': 5, 'school_state': 51,
'project_grade_category': 4, 'clean_categories': 51, 'clean_subcategories': 384}
Categorical_Embeeding Size for each category : {'teacher_prefix': 3, 'school_state': 26,
'project_grade_category': 3, 'clean_categories': 26, 'clean_subcategories': 50}
```

Vectorizing the Features

1.5.1 Vectorizing Categorical data

- https://www.appliedaicourse.com/course/applied-ai-course-online/lessons/handling-categorical-and-numerical-features/

1.5.2 Vectorizing Numerical features

Price data

In [0]:

```
price_norm = Normalizer(norm='l2', copy=False)
price_norm.fit(X_Train['price'].values.reshape(1,-1))

price_norm.transform(X_Train['price'].values.reshape(1,-1))
price_norm.transform(X_CV['price'].values.reshape(1,-1))
price_norm.transform(X_Test['price'].values.reshape(1,-1))

price_norm_Train = (X_Train['price'].values.reshape(-1,1))
price_norm_CV = (X_CV['price'].values.reshape(-1,1))
price_norm_Test = (X_Test['price'].values.reshape(-1,1))

print("Shape of price_norm_Train matrix after one hot encodig ",price_norm_Train.shape)
print("Shape of price_norm_CV matrix after one hot encodig ",price_norm_CV.shape)
print("Shape of price_norm_Test matrix after one hot encodig ",price_norm_Test.shape)
```

```
Shape of price_norm_Train matrix after one hot encodig  (61178, 1)
Shape of price_norm_CV matrix after one hot encodig  (15295, 1)
Shape of price_norm_Test matrix after one hot encodig  (32775, 1)
```

teacher_number_of_previously_posted_projects

In [0]:

```
teacher_prev_post_norm = Normalizer(norm='l2', copy=False)
teacher_prev_post_norm.fit(X_Train['teacher_number_of_previously_posted_projects'].values.reshape(
1,-1))

teacher_prev_post_norm_Train =
teacher_prev_post_norm.transform(X_Train['teacher_number_of_previously_posted_projects'].values.re
shape(1,-1))
teacher_prev_post_norm_CV =
teacher_prev_post_norm.transform(X_CV['teacher_number_of_previously_posted_projects'].values.resha
pe(1,-1))
teacher_prev_post_norm_Test =
teacher_prev_post_norm.transform(X_Test['teacher_number_of_previously_posted_projects'].values.res
hape(1,-1))

teacher_prev_post_norm_Train =
(X_Train['teacher_number_of_previously_posted_projects'].values.reshape(-1,1))
teacher_prev_post_norm_CV = (X_CV['teacher_number_of_previously_posted_projects'].values.reshape(-
1,1))
teacher_prev_post_norm_Test =
(X_Test['teacher_number_of_previously_posted_projects'].values.reshape(-1,1))
print("Shape of teacher_prev_post_norm_Train matrix after one hot encodig
",teacher_prev_post_norm_Train.shape)
print("Shape of teacher_prev_post_norm_CV matrix after one hot encodig ",teacher_prev_post_norm_CV
.shape)
print("Shape of teacher_prev_post_norm_Test matrix after one hot encodig
",teacher_prev_post_norm_Test.shape)
```

```
Shape of teacher_prev_post_norm_Train matrix after one hot encodig  (61178, 1)
Shape of teacher_prev_post_norm_CV matrix after one hot encodig  (15295, 1)
Shape of teacher_prev_post_norm_Test matrix after one hot encodig  (32775, 1)
```

In [0]:

```
X_Train_Nmr_val=np.concatenate((teacher_prev_post_norm_Train,price_norm_Train),axis=1)
X_CV_Nmr_val=np.concatenate((teacher_prev_post_norm_CV,price_norm_CV),axis=1)
X_Test_Nmr_val=np.concatenate((teacher_prev_post_norm_Test,price_norm_Test),axis=1)


print(X_Train_Nmr_val.shape)
print(X_CV_Nmr_val.shape)
print(X_Test_Nmr_val.shape)
```

```
(61178, 2)
(15295, 2)
(32775, 2)
```

In [0]:

```
Std_Sc = StandardScaler().fit(X_Train_Nmr_val)
X_Train_SC_Nmr_val = Std_Sc.transform(X_Train_Nmr_val)
X_CV_SC_Nmr_val = Std_Sc.transform(X_CV_Nmr_val)
X_Test_SC_Nmr_val = Std_Sc.transform(X_Test_Nmr_val)
```

In [0]:

```
Y_Train = to_categorical(Y_Train)
Y_CV = to_categorical(Y_CV)
Y_Test = to_categorical(Y_Test)
```

Encoding Text

In [0]:

```
def auroc(y_true, y_pred):
  try:
    return tf.py_func(roc_auc_score, (y_true, y_pred), tf.double)
  except ValueError:
    pass
```

In [0]:

```
'''

def glove_Vec():
  embeddings_index = dict()
  f = open('/content/gdrive/My Drive/Colab Notebooks/glove.42B.300d.txt')
  for line in tqdm(f):
    values = line.split()
    word = values[0]
    coefs = asarray(values[1:], dtype='float32')
    embeddings_index[word] = coefs
  f.close()
  return embeddings_index

embedding_index=glove_Vec()
'''
```

Out[0]:

```
"\n\ndef glove_Vec():\n  embeddings_index = dict()\n  f = open('/content/gdrive/My Drive/Colab Not
ebooks/glove.42B.300d.txt')\n  for line in tqdm(f):\n    values = line.split()\n    word =
values[0]\n    coefs = asarray(values[1:], dtype='float32')\n    embeddings_index[word] = coefs\n
f.close()\n  return embeddings_index\n  \nembedding_index=glove_Vec()\n"
```

In [0]:

```
'''
ptt = open('/content/gdrive/My Drive/Colab Notebooks/embedding_index', 'wb')
pickle.dump(embedding_index, ptt)
'''

ptt = open('/content/gdrive/My Drive/Colab Notebooks/embedding_index', 'rb')
```

```
embedding_index = pickle.load(ptt)
ptt.close()
```

In [0]:

```
glove_words =  set(embedding_index.keys())

t = Tokenizer()
t.fit_on_texts(X_Train['essay'].values)
vocab_size = len(t.word_index) + 1

X_Train_encoded_ess = t.texts_to_sequences(X_Train['essay'].values)
X_CV_encoded_ess = t.texts_to_sequences(X_CV['essay'].values)
X_Test_encoded_ess = t.texts_to_sequences(X_Test['essay'].values)
```

In [0]:

```
#https://machinelearningmastery.com/use-word-embedding-layers-deep-learning-keras/

max_length = 400
X_Train_padded_ess = pad_sequences(X_Train_encoded_ess, maxlen=max_length, padding='post')
X_Test_padded_ess = pad_sequences(X_Test_encoded_ess, maxlen=max_length, padding='post')
X_CV_padded_ess = pad_sequences(X_CV_encoded_ess, maxlen=max_length, padding='post')


print(X_Train_padded_ess.shape)
print(X_CV_padded_ess.shape)
print(X_Test_padded_ess.shape)
```

```
(61178, 400)
(15295, 400)
(32775, 400)
```

In [0]:

```
embedding_matrix = zeros((vocab_size, 300))
for word, i in t.word_index.items():
  embedding_vector = embedding_index.get(word)
  if embedding_vector is not None:
    embedding_matrix[i] = embedding_vector
```

In [0]:

```
X_Train_padded_ess_BU = X_Train_padded_ess
X_CV_padded_ess_BU = X_CV_padded_ess
X_Test_padded_ess_BU = X_Test_padded_ess
```

LSTM Part1

In [0]:

```
K.clear_session()
```

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:107: The name tf.reset_default_graph is deprecated. P
lease use tf.compat.v1.reset_default_graph instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:111: The name tf.placeholder_with_default is
deprecated. Please use tf.compat.v1.placeholder_with_default instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:66: The name tf.get_default_graph is deprecated. Plea
se use tf.compat.v1.get_default_graph instead.
```

In [0]:

```
inp_feature = []
concat_feature = []
```

In [0]:

```
ess_ip = Input(shape=(max_length,), name = "Essay_Input")
inp_feature.append(ess_ip)
Emb_Layer = Embedding(vocab_size, 300, weights=[embedding_matrix],
input_length=max_length,trainable=False)(ess_ip)
Lstm_Layer=
CuDNNLSTM(128,kernel_initializer='he_normal',kernel_regularizer=l2(0.001),return_sequences=True)(E
mb_Layer)
Flat_Layer= Flatten()(Lstm_Layer)
concat_feature.append(Flat_Layer)


x = Input((1,), name="teacher_prefix")
inp_feature.append(x)
x = Embedding(categorical_sizes["teacher_prefix"]+1, categorical_embsizes["teacher_prefix"], input_
length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="school_state")
inp_feature.append(x)
x = Embedding(categorical_sizes["school_state"]+1, categorical_embsizes["school_state"], input_leng
th=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="project_grade_category")
inp_feature.append(x)
x = Embedding(categorical_sizes["project_grade_category"]+1,
categorical_embsizes["project_grade_category"], input_length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="clean_categories")
inp_feature.append(x)
x = Embedding(categorical_sizes["clean_categories"]+1, categorical_embsizes["clean_categories"],
input_length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="clean_subcategories")
inp_feature.append(x)
x = Embedding(categorical_sizes["clean_subcategories"]+1,
categorical_embsizes["clean_subcategories"], input_length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

numerical_input=Input(shape=(X_Train_SC_Nmr_val.shape[1],),name='numerical_input')
inp_feature.append(numerical_input)
numerical_input_dense = Dense(64, activation='relu',kernel_initializer='he_normal',kernel_regulariz
er=l2(0.001))(numerical_input)
concat_feature.append(numerical_input_dense)
```

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:541: The name tf.placeholder is deprecated. Please us
e tf.compat.v1.placeholder instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:4432: The name tf.random_uniform is deprecated. Pleas
e use tf.random.uniform instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:190: The name tf.get_default_session is deprecated. P
lease use tf.compat.v1.get_default_session instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:197: The name tf.ConfigProto is deprecated. Please us
e tf.compat.v1.ConfigProto instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:203: The name tf.Session is deprecated. Please use tf
```

```
.compat.v1.Session instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:207: The name tf.global_variables is deprecated. Plea
se use tf.compat.v1.global_variables instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:216: The name tf.is_variable_initialized is
deprecated. Please use tf.compat.v1.is_variable_initialized instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:223: The name tf.variables_initializer is deprecated.
Please use tf.compat.v1.variables_initializer instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:4479: The name tf.truncated_normal is deprecated. Ple
ase use tf.random.truncated_normal instead.
```

In [0]:

```python
tf.keras.layers.concatenate
Part1= concatenate(concat_feature)
Part1= Dense(128, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Pa
rt1)
Part1= Dropout(0.5)(Part1)
Part1= Dense(64, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Par
t1)
Part1= Dropout(0.5)(Part1)
Part1= Dense(32, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Par
t1)
Part1= Dropout(0.5)(Part1)
output=Dense(2, activation='softmax')(Part1)
Part1_Model = Model(inputs=inp_feature, outputs=output)
```

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:3733: calling dropout (from
tensorflow.python.ops.nn_ops) with keep_prob is deprecated and will be removed in a future
version.
Instructions for updating:
Please use `rate` instead of `keep_prob`. Rate should be set to `rate = 1 - keep_prob`.
```

In [0]:

```python
Part1_Model.summary()
```

```
Model: "model_1"
_____
Layer (type)                    Output Shape         Param #     Connected to
==================================================================================================
Essay_Input (InputLayer)        (None, 400)          0
_____
embedding_1 (Embedding)         (None, 400, 300)     13567200    Essay_Input[0][0]
_____
teacher_prefix (InputLayer)     (None, 1)            0
_____
school_state (InputLayer)       (None, 1)            0
_____
project_grade_category (InputLa (None, 1)            0
_____
clean_categories (InputLayer)   (None, 1)            0
_____
clean_subcategories (InputLayer (None, 1)            0
_____
cu_dnnlstm_1 (CuDNNLSTM)        (None, 400, 128)     220160      embedding_1[0][0]
_____
embedding_2 (Embedding)         (None, 1, 3)         18          teacher_prefix[0][0]
_____
embedding_3 (Embedding)         (None, 1, 26)        1352        school_state[0][0]
_____
embedding_4 (Embedding)         (None, 1, 3)         15          project_grade_category[0][0]
_____
embedding_5 (Embedding)         (None, 1, 26)        1352        clean_categories[0][0]
```

```
embedding_6 (Embedding)        (None, 1, 50)         19250      clean_subcategories[0][0]
_____
numerical_input (InputLayer)   (None, 2)             0
_____
flatten_1 (Flatten)            (None, 51200)         0          cu_dnnlstm_1[0][0]
_____
flatten_2 (Flatten)            (None, 3)             0          embedding_2[0][0]
_____
flatten_3 (Flatten)            (None, 26)            0          embedding_3[0][0]
_____
flatten_4 (Flatten)            (None, 3)             0          embedding_4[0][0]
_____
flatten_5 (Flatten)            (None, 26)            0          embedding_5[0][0]
_____
flatten_6 (Flatten)            (None, 50)            0          embedding_6[0][0]
_____
dense_1 (Dense)                (None, 64)            192        numerical_input[0][0]
_____
concatenate_1 (Concatenate)    (None, 51372)         0          flatten_1[0][0]
                                                                flatten_2[0][0]
                                                                flatten_3[0][0]
                                                                flatten_4[0][0]
                                                                flatten_5[0][0]
                                                                flatten_6[0][0]
                                                                dense_1[0][0]
_____
dense_2 (Dense)                (None, 128)           6575744    concatenate_1[0][0]
_____
dropout_1 (Dropout)            (None, 128)           0          dense_2[0][0]
_____
dense_3 (Dense)                (None, 64)            8256       dropout_1[0][0]
_____
dropout_2 (Dropout)            (None, 64)            0          dense_3[0][0]
_____
dense_4 (Dense)                (None, 32)            2080       dropout_2[0][0]
_____
dropout_3 (Dropout)            (None, 32)            0          dense_4[0][0]
_____
dense_5 (Dense)                (None, 2)             66         dropout_3[0][0]
=======================================================================================
Total params: 20,395,685
Trainable params: 6,828,485
Non-trainable params: 13,567,200
_____
```

In [0]:

```
#https://machinelearningmastery.com/visualize-deep-learning-neural-network-model-keras/
plot_model(Part1_Model, to_file='/content/gdrive/My Drive/Colab Notebooks/Part1_Model.png',
show_shapes=True, show_layer_names=True)
```

Out[0]:

In [0]:

In [0]:

```
adam = keras.optimizers.Adam(lr=0.001,beta_1=0.91, beta_2=0.999, epsilon=1e-06)
Part1_Model.compile(optimizer=adam, loss='categorical_crossentropy',metrics=[auroc])
batch_size=300
```

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/keras/optimizers.py:793: The name t
f.train.Optimizer is deprecated. Please use tf.compat.v1.train.Optimizer instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:3576: The name tf.log is deprecated. Please use tf.ma
th.log instead.

WARNING:tensorflow:From <ipython-input-20-6510f82776bd>:3: py_func (from
tensorflow.python.ops.script_ops) is deprecated and will be removed in a future version.
Instructions for updating:
tf.py_func is deprecated in TF V2. Instead, there are two
    options available in V2.
    - tf.py_function takes a python function which manipulates tf eager
    tensors instead of numpy arrays. It's easy to convert a tf eager tensor to
    an ndarray (just call tensor.numpy()) but having access to eager tensors
    means `tf.py_function`s can use accelerators such as GPUs as well as
    being differentiable using a gradient tape.
    - tf.numpy_function maintains the semantics of the deprecated tf.py_func
    (it is not differentiable, and manipulates numpy arrays). It drops the
    stateful argument making all functions stateful.

In [0]:

```
#https://github.com/taomanwai/tensorboardcolab/
#https://machinelearningmastery.com/check-point-deep-learning-models-keras/

filepath="epochs:{epoch:03d}-val_acc:{val_auroc:.3f}.hdf5"
checkpoint = ModelCheckpoint(filepath, monitor='val_acc', verbose=1, mode='max')
tbc=TensorBoardColab()
earlystopping = EarlyStopping(monitor='val_loss', patience=2, verbose=1)
reduce_lr = ReduceLROnPlateau(monitor='val_loss', factor=0.2,
                              patience=1, min_lr=0.001,verbose = 1)
callbacks_list = [checkpoint,reduce_lr,TensorBoardColabCallback(tbc),earlystopping]
```

Wait for 8 seconds...
TensorBoard link:
https://cefb3466.ngrok.io

In [0]:

```
Part1_Model_fit= Part1_Model.fit({'Essay_Input': X_Train_padded_ess, 'school_state': sch_one_hot_Tr
ain, 'project_grade_category': grade_one_hot_train,'clean_categories': categories_one_hot_Train,'cl
ean_subcategories':sub_categories_one_hot_Train, 'teacher_prefix':prefix_one_hot_Train,
'numerical_input':X_Train_SC_Nmr_val}, Y_Train,
        epochs=20, batch_size=batch_size,verbose=1, validation_data=({'Essay_Input':
X_CV_padded_ess, 'school_state': sch_one_hot_CV, 'project_grade_category': grade_one_hot_CV,'clean_
categories': categories_one_hot_CV,'clean_subcategories':sub_categories_one_hot_CV,
'teacher_prefix':prefix_one_hot_CV, 'numerical_input':X_CV_SC_Nmr_val},
Y_CV),callbacks=callbacks_list)
```

WARNING:tensorflow:From /tensorflow-1.15.2/python3.6/tensorflow_core/python/ops/math_grad.py:1424:
where (from tensorflow.python.ops.array_ops) is deprecated and will be removed in a future
version.
Instructions for updating:
Use tf.where in 2.0, which has the same broadcast rule as np.where
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:1033: The name tf.assign_add is deprecated. Please us
e tf.compat.v1.assign_add instead.

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:1020: The name tf.assign is deprecated. Please use tf
.compat.v1.assign instead.

Train on 61178 samples, validate on 15295 samples
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorboardcolab/core.py:49: The na
me tf.summary.FileWriter is deprecated. Please use tf.compat.v1.summary.FileWriter instead.

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/keras/callbacks.py:1122: The name t
f.summary.merge_all is deprecated. Please use tf.compat.v1.summary.merge_all instead.

Epoch 1/20
61178/61178 [==============================] - 21s 337us/step - loss: 1.3037 - auroc: 0.5820 - val
_loss: 0.7885 - val_auroc: 0.6847

Epoch 00001: saving model to epochs:001-val_acc:0.685.hdf5
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorboardcolab/callbacks.py:51: T
he name tf.Summary is deprecated. Please use tf.compat.v1.Summary instead.

Epoch 2/20
61178/61178 [==============================] - 14s 230us/step - loss: 0.6888 - auroc: 0.6203 - val
_loss: 0.5906 - val_auroc: 0.7200

Epoch 00002: saving model to epochs:002-val_acc:0.720.hdf5
Epoch 3/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.5697 - auroc: 0.6659 - val
_loss: 0.5233 - val_auroc: 0.7370

Epoch 00003: saving model to epochs:003-val_acc:0.737.hdf5
Epoch 4/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.5073 - auroc: 0.7019 - val
_loss: 0.4786 - val_auroc: 0.7475

Epoch 00004: saving model to epochs:004-val_acc:0.748.hdf5
Epoch 5/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4711 - auroc: 0.7207 - val
_loss: 0.4567 - val_auroc: 0.7539

Epoch 00005: saving model to epochs:005-val_acc:0.754.hdf5
Epoch 6/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4479 - auroc: 0.7288 - val
_loss: 0.4307 - val_auroc: 0.7542

Epoch 00006: saving model to epochs:006-val_acc:0.754.hdf5
Epoch 7/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4308 - auroc: 0.7393 - val
_loss: 0.4226 - val_auroc: 0.7545

Epoch 00007: saving model to epochs:007-val_acc:0.755.hdf5
Epoch 8/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4194 - auroc: 0.7430 - val
_loss: 0.4186 - val_auroc: 0.7541

Epoch 00008: saving model to epochs:008-val_acc:0.754.hdf5
Epoch 9/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4122 - auroc: 0.7455 - val
_loss: 0.4050 - val_auroc: 0.7565

Epoch 00009: saving model to epochs:009-val_acc:0.757.hdf5
Epoch 10/20
61178/61178 [==============================] - 14s 230us/step - loss: 0.4085 - auroc: 0.7467 - val
_loss: 0.3986 - val_auroc: 0.7588

Epoch 00010: saving model to epochs:010-val_acc:0.759.hdf5
Epoch 11/20
61178/61178 [==============================] - 14s 230us/step - loss: 0.4029 - auroc: 0.7483 - val
_loss: 0.4002 - val_auroc: 0.7560

Epoch 00011: saving model to epochs:011-val_acc:0.756.hdf5

Epoch 00011: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 12/20
61178/61178 [==============================] - 14s 230us/step - loss: 0.3998 - auroc: 0.7505 - val
_loss: 0.3969 - val_auroc: 0.7559

Epoch 00012: saving model to epochs:012-val_acc:0.756.hdf5
Epoch 13/20
61178/61178 [==============================] - 14s 230us/step - loss: 0.3967 - auroc: 0.7515 - val
_loss: 0.3905 - val_auroc: 0.7550

Epoch 00013: saving model to epochs:013-val_acc:0.755.hdf5
Epoch 14/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.3943 - auroc: 0.7530 - val
_loss: 0.3930 - val_auroc: 0.7560
```

```
Epoch 00014: saving model to epochs:014-val_acc:0.756.hdf5

Epoch 00014: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 15/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.3922 - auroc: 0.7559 - val
_loss: 0.3910 - val_auroc: 0.7543

Epoch 00015: saving model to epochs:015-val_acc:0.754.hdf5

Epoch 00015: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 00015: early stopping
```
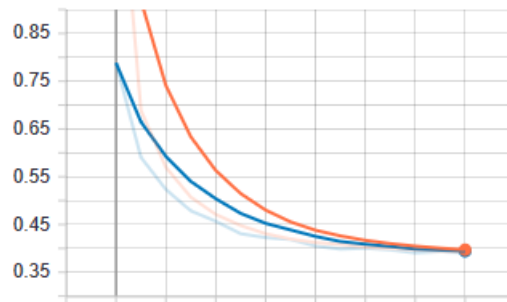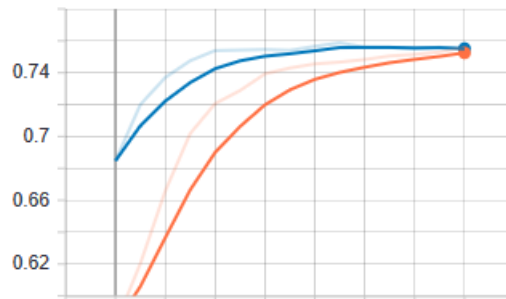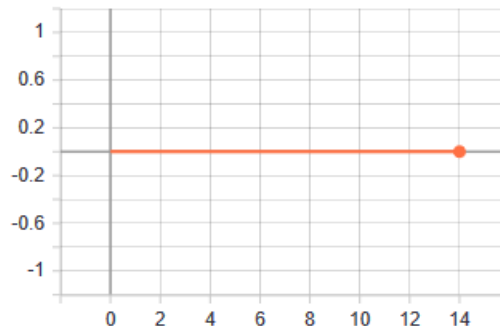
Tensorboard screenshots:

In [0]:
```
#https://stackoverflow.com/posts/54978313/revisions
```

```
#https://stackoverflow.com/posts/54978213/revisions
custom_objects = {"auroc":auroc}
```

In [0]:

```
Part1_Wght = load_model('epochs:015-val_acc:0.754.hdf5',custom_objects=custom_objects)
```

In [0]:

```
Best_Part1 = Part1_Wght.evaluate({'Essay_Input': X_Test_padded_ess, 'school_state':
sch_one_hot_Test, 'project_grade_category': grade_one_hot_Test,'clean_categories':
categories_one_hot_Test,'clean_subcategories':sub_categories_one_hot_Test,
'teacher_prefix':prefix_one_hot_Test, 'numerical_input':X_Test_SC_Nmr_val},
Y_Test,batch_size=batch_size,verbose=1)
```

```
32775/32775 [==============================] - 3s 93us/step
```

In [0]:

```
print(Best_Part1)
```

```
[0.3900567474572555, 0.7569889319530754]
```

In [0]:

```
print("Test loss = {}".format (Best_Part1[0]))
print("Test auroc = {}".format (Best_Part1[1]))
```

```
Test loss = 0.3900567474572555
Test auroc = 0.7569889319530754
```

In [0]:

```
Part1_Wght.save("/content/gdrive/My Drive/Colab Notebooks/Part1_Wght.hdf5")
```

In [0]:

```
%matplotlib notebook
%matplotlib inline
import matplotlib.pyplot as plt
import numpy as np
import time
# https://gist.github.com/greydanus/f6eee59eaf1d90fcb3b534a25362cea4
# https://stackoverflow.com/a/14434334
# this function is used to update the plots for each epoch and error
def plt_dynamic(x, vy, ty,  colors=['b']):
    fig,ax = plt.subplots(1,1)
    ax.set_xlabel('epoch')
    ax.set_ylabel('Roc_AUC Loss')
    ax.plot(x, vy, 'b', label="val_loss")
    ax.plot(x, ty, 'r', label="loss")
    plt.legend()
    plt.grid()
    fig.canvas.draw()
```

In [0]:

```
%matplotlib inline
vy = Part1_Model.history.history['val_loss']
ty = Part1_Model.history.history['loss']

x = list(range(1,16))
plt_dynamic(x, vy, ty)
```
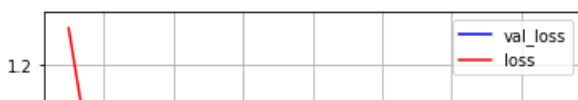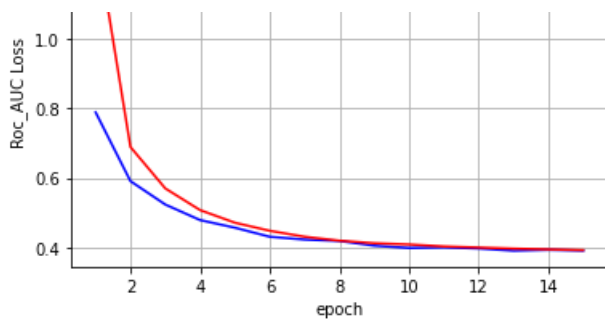
LSTM Part2 - IDF value of Essay text

In [0]:

```python
vectorizer = TfidfVectorizer(min_df=6,use_idf=True)
vectorizer.fit(X_Train['essay'])

X_Train_essay=vectorizer.transform(X_Train['essay'].values)
X_CV_essay=vectorizer.transform(X_CV['essay'].values)
X_Test_essay=vectorizer.transform(X_Test['essay'].values)


print(X_Train_essay.shape)
print(X_CV_essay.shape)
print(X_Test_essay.shape)
```

```
(61178, 16480)
(15295, 16480)
(32775, 16480)
```

In [0]:

```python
idf_vec = vectorizer.idf_
idf_count = dict(zip(vectorizer.get_feature_names(), idf_vec))
print(idf_count)
df=pd.DataFrame(idf_count.items())
df=df.sort_values(by=1)
df.head()
df.shape
```

```
{'00': 7.2175382276272, '000': 5.923484990194217, '00am': 9.942117730680621, '00pm':
9.536652622572456, '03': 9.824334695024238, '10': 4.518821061605606, '100': 3.796323948258789,
'1000': 7.138757349774086, '100th': 9.248970550120676, '101': 8.763462734338976, '102':
9.45660991489892, '103': 9.077120293194016, '104': 9.45660991489892, '105': 9.248970550120676, '10
7': 9.536652622572456, '108': 9.623663999562087, '10th': 6.698549293222048, '11':
5.590228190426978, '110': 7.436591793689885, '1100': 8.802683447492257, '112': 9.623663999562087,
'115': 8.977036834637033, '11th': 7.0042794355455325, '12': 4.765262032669776, '120':
6.7851173095305075, '1200': 8.192917875871363, '123': 9.536652622572456, '123s':
9.824334695024238, '125': 8.192917875871363, '126': 10.075649123305144, '127': 9.824334695024238,
'12th': 5.993280752129759, '13': 6.0554125332367645, '130': 7.773064030311097, '1300':
9.382501942745199, '131': 10.075649123305144, '133': 10.075649123305144, '135': 9.623663999562087,
'13th': 9.382501942745199, '14': 5.8925090622999114, '140': 8.260359156666894, '1400':
8.35799762623081, '145': 9.536652622572456, '14th': 9.623663999562087, '15': 5.093021454195791,
'150': 6.664972997688444, '1500': 8.84350544201251, '15am': 10.075649123305144, '15th':
9.313509071258247, '16': 5.849858674949542, '160': 8.237369638442196, '1600': 8.84350544201251,
'165': 9.623663999562087, '16th': 9.942117730680621, '17': 6.005402112662104, '170':
8.84350544201251, '1700': 9.18834592830424, '175': 9.313509071258247, '17th': 9.45660991489892, '1
8': 5.389557494964827, '180': 7.303060401065363, '1800': 8.977036834637033, '185':
10.075649123305144, '18th': 10.075649123305144, '19': 6.108056266722187, '190':
10.075649123305144, '1900': 9.942117730680621, '1900s': 9.942117730680621, '1907':
10.075649123305144, '1920s': 10.075649123305144, '1930': 9.824334695024238, '1940':
10.075649123305144, '1950': 9.536652622572456, '1950s': 9.382501942745199, '1960':
9.623663999562087, '1960s': 9.45660991489892, '1970': 9.71897417936641, '1980': 9.45660991489892,
'1980s': 10.075649123305144, '1984': 9.824334695024238, '1985': 9.71897417936641, '1990':
9.131187514464292, '1992': 9.71897417936641, '1993': 9.536652622572456, '1996': 9.942117730680621,
'1999': 9.71897417936641, '19th': 9.71897417936641, '1st': 5.009443978054077, '20':
4.507850024520752, '200': 6.234661890993749, '2000': 7.927214710138356, '2001': 9.382501942745199,
'2002': 9.45660991489892, '2003': 8.886065056431306, '2004': 9.025826998806465, '2005':
9.025826998806465, '2006': 9.131187514464292, '2007': 8.84350544201251, '2008': 8.525051710893976,
'2009': 8.33267981824652, '2010': 8.438040333904347, '2011': 8.260359156666894, '2012':
```

2009 : 0.352079810240552, 2010 : 0.450040555904547, 2011 : 0.200059150000094, 2012 : 8.12973897424983, '2013': 8.070315553779029, '2014': 7.773064030311097, '2015': 6.839775722068372, '2016': 5.622964337825249, '2017': 5.9462132412717725, '2018': 7.9785080045259065, '2019': 9.942117730680621, '2020': 9.313509071258247, '2028': 9.71897417936641, '2029': 9.45660991489892, '209': 9.942117730680621, '20th': 8.070315553779029, '21': 5.636364873362731, '210': 9.824334695024238, '2100': 9.824334695024238, '215': 9.71897417936641, '21st': 4.0065623780121555, '22': 5.44369791463941, '220': 9.382501942745199, '225': 9.382501942745199, '23': 5.849858674949542, '230': 9.824334695024238, '24': 5.24277437467528, '240': 9.45660991489892, '25': 4.788826136182842, '250': 7.446848293857074, '2500': 9.623663999562087, '26': 5.875230014691559, '260': 9.45660991489892, '27': 6.281766360181223, '270': 9.025826998806465, '275': 10.075649123305144, '28': 6.099980852716641, '280': 8.93051681900214, '29': 6.903565459943701, '290': 10.075649123305144, '2d': 7.555651153705873, '2nd': 4.572643169816256, '2s': 9.942117730680621, '30': 4.6665573512552, '300': 6.404788174693886, '3000': 8.171411670650398, '307': 10.075649123305144, '30am': 9.536652622572456, '30pm': 9.45660991489892, '30xs': 9.942117730680621, '31': 7.03795265065212, '3120': 10.075649123305144, '32': 6.504106375895749, '320': 8.654263442373983, '33': 7.051745972784456, '330': 9.824334695024238, '34': 7.267969081254092, '340': 9.942117730680621, '35': 6.297974170408076, '350': 7.690825932074126, '36': 6.99767875151418, '360': 7.717494179156287, '365': 8.725722406356127, '37': 7.8319045303340316, '375': 9.536652622572456, '38': 7.80205156718435, '380': 9.313509071258247, '39': 8.10953626693231, '3d': 5.4805292731705535, '3doodle': 9.824334695024238, '3doodler': 7.367598922202934, '3doodlers': 8.725722406356127, '3rd': 4.454213596347217, '40': 5.292930659275755, '400': 6.146628541508426, '4000': 9.942117730680621, '41': 8.014226087127986, '42': 7.348730437898551, '420': 9.45660991489892, '425': 9.313509071258247, '43': 7.961116261814038, '430': 9.18834592830424, '44': 7.436591793689885, '440': 9.45660991489892, '45': 6.0554125332367645, '450': 7.20937491698804, '45pm': 10.075649123305144, '46': 7.57890801587014, '460': 9.71897417936641, '47': 7.664850445670865, '470': 10.075649123305144, '475': 9.313509071258247, '48': 7.2175382276272, '480': 9.077120293194016, '49': 7.9785080045259065, '490': 10.075649123305144, '4c': 9.536652622572456, '4cs': 9.942117730680621, '4k': 7.996207581625308, '4th': 4.438311748057095, '50': 4.858386881513814, '500': 5.883832218274223, '504': 7.816866652969491, '504s': 9.382501942745199, '50th': 9.942117730680621, '51': 7.878424545968924, '52': 7.731099831212066, '520': 9.623663999562087, '525': 10.075649123305144, '53': 7.717494179156287, '530': 9.536652622572456, '54': 7.8319045303340316, '540': 9.942117730680621, '55': 7.131210144138703, '550': 7.704071158824147, '56': 7.9785080045259065, '560': 8.725722406356127, '57': 8.171411670650398, '570': 9.536652622572456, '58': 8.10953626693231, '580': 9.248970550120676, '59': 8.84350544201251, '5k': 8.620361890698302, '5th': 4.064381948900982, '60': 4.595605615282916, '600': 6.116197424305887, '61': 8.466211210871043, '62': 7.894424887315365, '620': 9.942117730680621, '625': 9.824334695024238, '63': 8.070315553779029, '630': 9.536652622572456, '64': 7.62711011768801185, '640': 9.623663999562087, '65': 6.311132254985587, '650': 7.664850445670865, '66': 7.894424887315365, '665': 9.824334695024238, '67': 7.80205156718435, '670': 9.942117730680621, '68': 7.567211976106949, '680': 10.075649123305144, '69': 8.38397311263407, '693': 9.71897417936641, '6th': 4.55019618417336, '70': 5.265790350376202, '700': 6.545095720428946, '71': 8.032575225796183, '72': 7.744893153344401, '720': 9.942117730680621, '73': 7.758879395319141, '74': 7.267969081254092, '75': 5.375168757512728, '750': 7.614840025096203, '76': 7.816866652969491, '77': 7.9785080045259065, '770': 10.075649123305144, '78': 7.544222457882251, '79': 8.35799762623081, '7th': 5.038696520891515, '80': 5.041483331798694, '800': 6.623396570842704, '81': 7.862676189000785, '82': 7.787452767763197, '83': 7.787452767763197, '84': 7.367598922202934, '840': 9.824334695024238, '85': 5.7007909781098745, '850': 8.28388965407709, '86': 7.555651153705873, '86th': 10.075649123305144, '87': 7.690825932074126, '875': 10.075649123305144, '88': 7.773064030311097, '89': 7.9785080045259065, '8am': 9.942117730680621, '8th': 4.646303494350702, '90': 4.635088423530563, '900': 6.806623514751471, '90th': 9.942117730680621, '91': 7.787452767763197, '92': 7.2175382276272, '920': 9.824334695024238, '925': 9.824334695024238, '93': 7.478264490090453, '94': 7.330211390131313, '95': 5.709824463207542, '950' : 8.886065056431306, '96': 7.0176129664149975, '97': 6.664972997688444, '98': 5.86035195066538, '99': 6.163626117876998, '9th': 6.063134579330675, 'aa': 9.623663999562087, 'aaa': 10.075649123305144, 'aac': 9.382501942745199, 'ab': 9.248970550120676, 'aba': 9.313509071258247, 'abacus': 9.623663999562087, 'abandon': 9.382501942745199, 'abandoned': 8.410641359716232, 'abc': 7.146361949159306, 'abcmouse': 8.84350544201251, 'abcs': 8.725722406356127, 'abcya': 8.654263442373983, 'abdominal': 8.33267981824652, 'abide': 10.075649123305144, 'abilities': 3.8092621341306883, 'ability': 3.2582875583475137, 'abject': 9.71897417936641, 'abl': 10.075649123305144, 'able': 1.8303021512004496, 'abled': 9.18834592830424, 'abound': 8.886065056431306, 'abounds': 8.93051681900214, 'about': 5.672420280980659, 'above': 7.996207581625308, 'abraham': 8.802683447492257, 'abreast': 8.886065056431306, 'abroad': 8.620361890698302, 'abs': 9.71897417936641, 'absence': 8.35799762623081, 'absences': 8.466211210871043, 'absent': 7.079916849751153, 'absentee': 9.313509071258247, 'absenteeism': 9.025826998806465, 'absolute': 6.449405240182692, 'absolutely': 5.077472064130929, 'absorb': 6.281766360181223, 'absorbed': 8.689354762185253, 'absorbing': 7.996207581625308, 'absorbs': 9.824334695024238, 'absorption': 10.075649123305144, 'abstract': 5.9439170290114225, 'abstractly': 8.763462734338976, 'abundance': 6.698549293222048, 'abundant': 7.614840025096203, 'abundantly': 9.623663999562087, 'abuse': 6.909571484003914, 'abused': 8.525051710893976, 'abusive': 9.536652622572456, 'abuzz': 9.536652622572456, 'ac': 9.45660991489892, 'academia': 8.495198747744295, 'academic': 2.947382325197146, 'academically': 4.227560182856461, 'academics': 4.3833610280746775, 'academies': 8.93051681900214, 'academy': 5.660256794787462, 'accelerate': 7.80205156718435, 'accelerated': 5.9908740120991935, 'accelerates': 9.824334695024238, 'accelerating': 9.71897417936641, 'acceleration': 8.171411670650398, 'accent': 9.18834592830424, 'accents': 9.248970550120676, 'accentuate': 10.075649123305144, 'accept': 6.408431165972386, 'acceptable': 7.590742473517143, 'acceptance': 6.272166286452204, 'accepted': 6.297974170408076, 'accepting': 6.774535200199971, 'accepts': 8.466211210871043, 'access': 2.6236610767950728

'accepting': 6.774353200199971, 'accepts': 8.466211210871043, 'access': 2.6236010707950728, 'accessed': 7.377168373219084, 'accessibility': 6.984606669946827, 'accessible': 4.885871925332313, 'accessing': 6.419440451480756, 'accessories': 6.379652201422343, 'accessory': 8.192917875871363, 'accident': 8.12973897424983, 'accidental': 9.382501942745199, 'accidentally': 8.070315553779029, 'accidents': 7.816866652969491, 'acclaimed': 9.45660991489892, 'acclimate': 9.623663999562087, 'acclimated': 9.382501942745199, 'acclimating': 9.71897417936641, 'accolades': 8.93051681900214, 'accommodate': 5.684733541214015, 'accommodated': 8.725722406356127, 'accommodates': 8.525051710893976, 'accommodating': 7.927214710138356, 'accommodation': 8.051267358808335, 'accommodations': 6.457038865037763, 'accomodate': 9.71897417936641, 'accompanied': 8.58757206787531, 'accompanies': 9.382501942745199, 'accompaniment': 8.620361890698302, 'accompaniments': 9.025826998806465, 'accompany': 6.965313467012149, 'accompanying': 8.150358261452567, 'accomplish': 4.803382433957049, 'accomplished': 6.210418279383757, 'accomplishes': 9.71897417936641, 'accomplishing': 7.079916849751153, 'accomplishment': 6.48422500534192, 'accomplishments': 6.11076262831993, 'accord': 10.075649123305144, 'accordance': 9.382501942745199, 'according': 5.681199968632705, 'accordingly': 8.10953626693231, 'accordion': 10.075649123305144, 'account': 6.758869083455571, 'accountability': 6.806623514751471, 'accountable': 6.344805470092175, 'accounting': 9.382501942745199, 'accounts': 6.828602421470246, 'accreditation': 9.313509071258247, 'accredited': 8.58757206787531, 'accumulate': 8.689354762185253, 'accumulated': 8.58757206787531, 'accumulating': 9.942117730680621, 'accumulation': 10.075649123305144, 'accuracy': 6.851075277322305, 'accurate': 6.862503973145928, 'accurately': 6.933962937128073, 'accustom': 10.075649123305144, 'accustomed': 7.267969081254092, 'ace': 8.620361890698302, 'acer': 8.33267981824652, 'aces': 9.942117730680621, 'ache': 9.313509071258247, 'acheive': 9.824334695024238, 'acheivement': 10.075649123305144, 'aches': 8.886065056431306, 'achievable': 8.032575225796183, 'achieve': 3.7052590233236096, 'achieve3000': 9.536652622572456, 'achieved': 6.646280864676291, 'achievement': 4.395476514288076, 'achievements': 6.404788174693886, 'achiever': 9.313509071258247, 'achievers': 6.632487542543956, 'achieves': 9.131187514464292, 'achieving': 5.249623716520855, 'aching': 9.623663999562087, 'acid': 8.977036834637033, 'acids': 10.075649123305144, 'acknowledge': 8.10953626693231, 'acknowledged': 8.466211210871043, 'acknowledgement': 9.71897417936641, 'acknowledges': 9.71897417936641, 'acknowledging': 9.45660991489892, 'acknowledgment': 10.075649123305144, 'acoustic': 9.077120293194016, 'acoustically': 10.075649123305144, 'acoustics': 9.623663999562087, 'acquainted': 9.077120293194016, 'acquire': 5.4326327948269375, 'acquired': 6.574821900694147, 'acquiring': 6.369070092091806, 'acquisition': 6.311132254985587, 'acre': 9.942117730680621, 'acres': 9.45660991489892, 'acronym': 8.93051681900214, 'across': 4.471950107205926, 'acrylic': 7.894424887315365, 'acrylics': 9.824334695024238, 'act': 5.4834194485927865, 'acting': 6.817552585283662, 'action': 5.64483232446183, 'actions': 6.201476342008095, 'activate': 7.467682380759916, 'activated': 8.84350544201251, 'activates': 8.802683447492257, 'activating': 8.620361890698302, 'active': 3.2160342196509415, 'actively': 4.5967975105372485, 'actives': 9.025826998806465, 'activies': 9.942117730680621, 'activism': 8.725722406356127, 'activist': 9.131187514464292, 'activists': 8.886065056431306, 'activites': 8.260359156666894, 'activities': 2.5916015588466226, 'activity': 3.6957687464743665, 'activslate': 9.71897417936641, 'acto': 9.942117730680621, 'actor': 9.313509071258247, 'actors': 7.478264490090453, 'actresses': 9.45660991489892, 'acts': 7.744893153344401, 'actual': 5.927989502315321, 'actualize': 9.942117730680621, 'actually': 4.812219015757547, 'acute': 9.824334695024238, 'acutely': 10.075649123305144, 'ad': 8.495198747744295, 'ada': 9.71897417936641, 'adage': 9.71897417936641, 'adamant': 9.536652622572456, 'adams': 9.025826998806465, 'adapt': 6.225501521595085, 'adaptability': 9.248970550120676, 'adaptable': 8.150358261452567, 'adaptation': 8.84350544201251, 'adaptations': 7.457211080892621, 'adapted': 6.7537011132971285, 'adapter': 8.237369638442196, 'adapters': 9.248970550120676, 'adapting': 7.35812017824839, 'adaptive': 6.660267106651031, 'adaptor': 10.075649123305144, 'adapts': 9.824334695024238, 'add': 3.9581814499934302, 'added': 5.135027629829946, 'addicted': 8.763462734338976, 'addiction': 8.725722406356127, 'addictions': 10.075649123305144, 'adding': 4.720411466504425, 'addition': 3.447418800502469, 'additional': 4.1820336906557785, 'additionally': 5.026709286527386, 'additions': 7.20937491698804, 'additive': 9.942117730680621, 'address': 5.661985403688079, 'addressed': 7.079916849751153, 'addresses': 7.664850445670865, 'addressing': 7.2593853375627, 'adds': 6.650921244232794, 'adept': 8.38397311263407, 'adequate': 5.96243607677866, 'adequately': 7.406438755519197, 'adha': 9.71897417936641, 'adhd': 4.919883300741013, 'adhere': 8.620361890698302, 'adheres': 9.623663999562087, 'adhering': 10.075649123305144, 'adhesive': 8.58757206787531, 'adhesives': 9.71897417936641, 'adirondack': 9.623663999562087, 'adjacent': 8.689354762185253, 'adjectives': 8.070315553779029, 'adjust': 6.496106333228673, 'adjustable': 7.544222457882251, 'adjusted': 8.150358261452567, 'adjusting': 7.690825932074126, 'adjustment': 8.495198747744295, 'adjustments': 7.996207581625308, 'adjusts': 9.18834592830424, 'admin': 10.075649123305144, 'administer': 9.536652622572456, 'administered': 8.93051681900214, 'administration': 6.358598792224511, 'administrative': 8.84350544201251, 'administrator': 8.438040333904347, 'administrators': 6.664972997688444, 'admirable': 8.525051710893976, 'admirably': 9.942117730680621, 'admiration': 9.313509071258247, 'admire': 7.894424887315365, 'admired': 9.382501942745199, 'admission': 8.28388965407709, 'admissions': 9.45660991489892, 'admit': 7.8319045303340316, 'admittance': 9.942117730680621, 'admitted': 8.802683447492257, 'adobe': 8.410641359716232, 'adolescence': 8.28388965407709, 'adolescent': 8.192917875871363, 'adolescents': 7.267969081254092, 'adopt': 8.237369638442196, 'adopted': 6.574821900694147, 'adopting': 8.84350544201251, 'adoption': 8.466211210871043, 'adorable': 7.250874647894792, 'adore': 7.267969081254092, 'adored': 9.942117730680621, 'adorn': 9.942117730680621, 'ads': 9.131187514464292, 'adult': 5.2965256301936146, 'adulthood': 7.101578346532332, 'adults': 4.547354465864332, 'advance': 5.063110879062802, 'advanced': 4.988935011332451, 'advancement': 7.185277365408979, 'advancements': 8.260359156666894, 'advances': 7.0448255299398825, 'advancing': 7.377168373219084, 'advantage': 5.367406752177238, 'advantaged': 8.55582336956073, 'advantageous': 9.248970550120676, 'advantages': 6.70835329331867, 'adept': 10.075649123305144, 'adventure': 5.33033780963427l

'advantages': 6.7083529331867, 'advent': 10.075649123305144, 'adventure': 5.250337809654271, 'adventurers': 8.977036834637033, 'adventures': 5.779336006905291, 'adventurous': 7.161746867998785, 'adverbs': 10.075649123305144, 'adverse': 8.495198747744295, 'adversely': 9.18834592830424, 'adversities': 7.758879395319141, 'adversity': 6.3725850341992505, 'advertise': 8.802683447492257, 'advertisement': 9.248970550120676, 'advertisements': 8.410641359716232, 'advertising': 8.495198747744295, 'advice': 8.495198747744295, 'advise': 9.71897417936641, 'adviser': 9.623663999562087, 'advisor': 9.248970550120676, 'advisory': 8.28388965407709, 'advocacy': 7.9785080045259065, 'advocate': 6.7282544476359645, 'advocated': 9.824334695024238, 'advocates': 7.744893153344401, 'advocating': 8.307987205656149, 'aed': 10.075649123305144, 'aerial': 9.45660991489892, 'aerobic': 8.438040333904347, 'aerobics': 9.18834592830424, 'aerodynamics': 9.623663999562087, 'aerogarden': 9.45660991489892, 'aerospace': 9.45660991489892, 'aesthetic': 8.35799762623081, 'aesthetically': 8.495198747744295, 'aesthetics': 9.025826998806465, 'affair': 9.942117730680621, 'affairs': 9.382501942745199, 'affect': 5.691838366837761, 'affected': 6.536762338869802, 'affecting': 7.544222457882251, 'affection': 8.495198747744295, 'affectionate': 9.077120293194016, 'affectionately': 10.075649123305144, 'affective': 9.077120293194016, 'affects': 6.291459489386883, 'affiliated': 8.84350544201251, 'affirm': 9.18834592830424, 'affirmation': 9.025826998806465, 'affirmations': 9.382501942745199, 'affirming': 9.382501942745199, 'affluence': 9.824334695024238, 'affluent': 5.93934036198401, 'afford': 4.4609581095919, 'affordability': 9.942117730680621, 'affordable': 7.499770695311416, 'afforded': 6.5409203490184655, 'affording': 8.28388965407709, 'affords': 8.150358261452567, 'afghanistan': 8.307987205656149, 'afloat': 9.131187514464292, 'aforementioned': 8.886065056431306, 'afraid': 6.284986974881265, 'africa': 6.684021192659139, 'african': 4.687882876702773, 'afro': 9.942117730680621, 'after': 4.557049437723929, 'afterall': 10.075649123305144, 'aftercare': 9.824334695024238, 'afternoon': 6.063134579330675, 'afternoons': 7.894424887315365, 'afterschool': 7.878424545968924, 'afterthought': 9.248970550120676, 'afterward': 9.536652622572456, 'afterwards': 8.150358261452567, 'ag': 9.382501942745199, 'again': 7.6271101176880185, 'against': 9.077120293194016, 'age': 3.6727847325691827, 'aged': 6.627931726008095, 'agencies': 8.84350544201251, 'agency': 8.192917875871363, 'agenda': 8.28388965407709, 'agendas': 9.131187514464292, 'agent': 9.18834592830424, 'agents': 7.758879395319141, 'ages': 5.203728700906307, 'aggression': 8.495198747744295, 'aggressive': 8.171411670650398, 'agile': 9.942117730680621, 'agility': 7.6271101176880185, 'aging': 8.070315553779029, 'agitated': 9.71897417936641, 'ago': 5.384301241076, 'agree': 6.839775722068372, 'agreed': 7.1773721859018655, 'agreeing': 10.075649123305144, 'agreement': 8.886065056431306, 'agreements': 9.45660991489892, 'agrees': 10.075649123305144, 'agricultural': 6.933962937128073, 'agriculturally': 10.075649123305144, 'agriculture': 7.010923978264201, 'agriscience': 9.824334695024238, 'ah': 8.33267981824652, 'aha': 8.38397311263407, 'ahead': 5.1473607769071625, 'ahhs': 9.824334695024238, 'ahu': 10.075649123305144, 'ai': 10.075649123305144, 'aid': 5.097930644222029, 'aide': 6.376112374717219, 'aided': 8.410641359716232, 'aides': 7.416389086372366, 'aiding': 8.051267358808335, 'aids': 6.18967679507694, 'aig': 8.977036834637033, 'ailments': 9.71897417936641, 'aim': 5.96010235343244, 'aimed': 8.032575225796183, 'aiming': 8.10953626693231, 'aims': 7.446848293857074, 'air': 5.527805432508771, 'aircraft': 10.075649123305144, 'airplane': 8.886065056431306, 'airplanes': 8.763462734338976, 'airplay': 9.71897417936641, 'airport': 8.977036834637033, 'airs': 9.71897417936641, 'ais': 9.18834592830424, 'aisle': 10.075649123305144, 'aka': 8.654263442373983, 'al': 8.28388965407709, 'alabama': 6.897595292957198, 'alameda': 10.075649123305144, 'alarm': 8.886065056431306, 'alarming': 9.248970550120676, 'alas': 9.71897417936641, 'alaska': 7.521749602030192, 'alaskan': 8.410641359716232, 'albania': 9.942117730680621, 'albanian': 9.382501942745199, 'albany': 9.382501942745199, 'albert': 7.03795265065212, 'album': 10.075649123305144, 'albums': 9.942117730680621, 'albuquerque': 9.71897417936641, 'alcohol': 7.996207581625308, 'alert': 6.927809071553694, 'alertness': 8.237369638442196, 'alex': 9.623663999562087, 'alexa': 8.763462734338976, 'alexander': 8.620361890698302, 'alexandria': 9.942117730680621, 'alfred': 9.71897417936641, 'algebra': 6.331199818036397, 'algebraic': 8.307987205656149, 'algeria': 9.45660991489892, 'algorithm': 9.71897417936641, 'algorithms': 8.438040333904347, 'ali': 9.71897417936641, 'alice': 9.077120293194016, 'alien': 9.824334695024238, 'align': 7.276627143997207, 'aligned': 6.4763818278808944, 'aligning': 9.45660991489892, 'alignment': 8.93051681900214, 'aligns': 8.192917875871363, 'alike': 6.623396570842704, 'alive': 5.345736050725609, 'all': 3.200859873145553, 'allegiance': 9.536652622572456, 'allen': 9.536652622572456, 'allergens': 9.71897417936641, 'allergies': 8.654263442373983, 'allergy': 9.313509071258247, 'alleviate': 6.806623514751471, 'alleviated': 9.942117730680621, 'alleviates': 9.623663999562087, 'alleviating': 8.977036834637033, 'alley': 9.71897417936641, 'alliance': 9.313509071258247, 'allies': 9.71897417936641, 'alligator': 9.45660991489892, 'alliteration': 9.71897417936641, 'allocate': 10.075649123305144, 'allocated': 8.307987205656149, 'allocations': 9.942117730680621, 'allot': 10.075649123305144, 'allotted': 7.677753850506773, 'allow': 2.1845320865245985, 'allowance': 8.977036834637033, 'allowed': 4.9568002445686545, 'allowing': 3.990173941734922, 'allows': 3.530915416177756, 'ally': 9.382501942745199, 'alma': 9.536652622572456, 'almost': 4.437294453971398, 'aloha': 8.886065056431306, 'alone': 5.270457803423697, 'along': 3.829819251082999, 'alongs': 9.025826998806465, 'alongside': 6.528497829199085, 'alot': 8.58757206787531, 'aloud': 5.096946876311897, 'alouds': 6.138236883872178, 'alpha': 8.977036834637033, 'alphabet': 5.511300931837307, 'alphabetic': 9.824334695024238, 'alphabetical': 9.623663999562087, 'alphabets': 9.45660991489892, 'alphabetter': 9.131187514464292, 'alps': 9.536652622572456, 'already': 3.935764571078888, 'alright': 9.45660991489892, 'also': 1.8615320778916904, 'alter': 8.438040333904347, 'altered': 9.131187514464292, 'altering': 9.025826998806465, 'alternate': 6.6010242730881705, 'alternating': 9.45660991489892, 'alternative': 4.393528145430121, 'alternatives': 6.965313467012149, 'although': 4.106211103097379, 'alto': 8.495198747744295, 'altogether': 8.089733363963613, 'alum': 9.942117730680621, 'aluminum': 9.131187514464292, 'alumni': 8.495198747744295, 'alway': 9.942117730680621, 'always': 2.7968230201005415, 'am': 7.96111626181...

7.961116261814038, 'amant': 9.824334695024238, 'amateur': 9.942117730680621, 'amaze': 5.810959195335804, 'amazed': 5.825115144565936, 'amazement': 8.725722406356127, 'amazes': 7.436591793689885, 'amazing': 3.002379405845433, 'amazingly': 6.655583257338606, 'amazon': 6.6936831035708755, 'ambassador': 10.075649123305144, 'ambassadors': 7.267969081254092, 'ambiance': 9.18834592830424, 'ambient': 9.536652622572456, 'ambition': 7.488959779207201, 'ambitions': 7.878424545968924, 'ambitious': 6.355132584248024, 'ambulatory': 9.45660991489892, 'amelia': 9.313509071258247, 'amendment': 9.71897417936641, 'amenities': 8.886065056431306, 'america': 5.41355864706437, 'american': 4.277422644732466, 'americans': 6.116197424305887, 'americas': 9.71897417936641, 'amharic': 8.886065056431306, 'amid': 9.536652622572456, 'amidst': 8.977036834637033, 'among': 4.83088323802825, 'amongst': 6.713291574959252, 'amount': 4.337235204679303, 'amounts': 6.632487542543956, 'amp': 9.077120293194016, 'amphibians': 10.075649123305144, 'ample': 6.496106333228673, 'amplification': 8.763462734338976, 'amplified': 9.077120293194016, 'amplifier': 9.536652622572456, 'amplify': 8.33267981824652, 'amplifying': 10.075649123305144, 'ams': 10.075649123305144, 'amulet': 9.824334695024238, 'amusement': 9.131187514464292, 'amusing': 9.131187514464292, 'amy': 9.45660991489892, 'an': 5.161944368706255, 'anaheim': 9.623663999562087, 'analog': 9.025826998806465, 'analogies': 9.942117730680621, 'analogy': 9.71897417936641, 'analyse': 10.075649123305144, 'analyses': 10.075649123305144, 'analysis': 6.2074287405353905, 'analytical': 7.2593853375627, 'analytically': 9.313509071258247, 'analyze': 5.398822948410617, 'analyzed': 8.58757206787531, 'analyzing': 6.561973758216298, 'anatomical': 9.536652622572456, 'anatomy': 7.521749602030192, 'ancestors': 8.977036834637033, 'ancestry': 9.077120293194016, 'anchor': 6.198513376877438, 'anchorage': 8.886065056431306, 'anchored': 9.824334695024238, 'anchors': 8.84350544201251, 'ancient': 6.66970113888439, 'and': 4.586711397148457, 'anderson': 8.802683447492257, 'andrew': 9.313509071258247, 'android': 8.28388965407709, 'andy': 9.313509071258247, 'anecdotal': 9.824334695024238, 'anemia': 10.075649123305144, 'angel': 9.536652622572456, 'angela': 9.45660991489892, 'angeles': 6.005402112662104, 'angelou': 8.28388965407709, 'angels': 8.886065056431306, 'anger': 7.010923978264201, 'angle': 7.9785080045259065, 'angles': 7.303060401065363, 'anglo': 9.077120293194016, 'angry': 7.927214710138356, 'animal': 5.793048268769273, 'animals': 5.294127547509602, 'animate': 8.725722406356127, 'animated': 7.717494179156287, 'animation': 7.1540248219048745, 'animations': 7.717494179156287, 'anime': 9.623663999562087, 'animoto': 9.942117730680621, 'ankle': 9.313509071258247, 'ankles': 9.824334695024238, 'ann': 9.536652622572456, 'anna': 9.942117730680621, 'anne': 8.525051710893976, 'annie': 9.18834592830424, 'anniversary': 9.18834592830424, 'annotate': 7.250874647894792, 'annotated': 9.248970550120676, 'annotating': 8.014226087127986, 'annotation': 8.886065056431306, 'annotations': 9.077120293194016, 'announce': 8.654263442373983, 'announced': 8.84350544201251, 'announcement': 8.654263442373983, 'announcements': 7.348730437898551, 'annoying': 9.45660991489892, 'annual': 6.7282544476359645, 'annually': 8.260359156666894, 'anonymous': 8.214896782590138, 'another': 3.4170880728371587, 'ans': 9.623663999562087, 'answer': 4.940691375669675, 'answered': 7.894424887315365, 'answering': 6.903565459943701, 'answers': 5.239367216353665, 'ant': 8.654263442373983, 'antarctica': 9.18834592830424, 'anthem': 10.075649123305144, 'anthology': 9.536652622572456, 'anthony': 9.71897417936641, 'anthropologists': 9.942117730680621, 'anti': 8.495198747744295, 'anticipate': 7.787452767763197, 'anticipated': 8.466211210871043, 'anticipating': 8.55582336956073, 'anticipation': 7.652111419893435, 'antics': 9.824334695024238, 'antiquated': 8.654263442373983, 'antonio': 8.38397311263407, 'antonyms': 8.84350544201251, 'ants': 7.996207581625308, 'antsy': 7.787452767763197, 'anxieties': 8.654263442373983, 'anxiety': 5.708011226083362, 'anxious': 6.11076262831993, 'anxiously': 8.051267358808335, 'any': 5.674170062704446, 'anybody': 8.620361890698302, 'anymore': 6.7851173095305075, 'anyone': 5.72629327092081, 'anything': 4.120181918567841, 'anytime': 6.903565459943701, 'anyway': 7.878424545968924, 'anyways': 10.075649123305144, 'anywhere': 5.571088850216281, 'ap': 6.007844116317655, 'apart': 5.366118921992809, 'apartment': 7.051745972784456, 'apartments': 6.627931726008095, 'apathetic': 9.313509071258247, 'apathy': 9.382501942745199, 'aperture': 9.824334695024238, 'apologize': 9.942117730680621, 'app': 5.492140434098231, 'appalachia': 8.55582336956073, 'appalachian': 7.602718664563859, 'apparatus': 9.313509071258247, 'apparel': 9.313509071258247, 'apparent': 7.010923978264201, 'appeal': 6.609913220505417, 'appealing': 6.457038865037763, 'appeals': 8.051267358808335, 'appear': 7.386830284130821, 'appearance': 7.816866652969491, 'appearances': 9.942117730680621, 'appears': 8.10953626693231, 'appetite': 7.927214710138356, 'appetites': 9.536652622572456, 'applaud': 9.71897417936641, 'applause': 9.824334695024238, 'apple': 5.7619778082955335, 'apples': 8.620361890698302, 'applesauce': 8.438040333904347, 'appleseed': 10.075649123305144, 'appletv': 9.623663999562087, 'appliance': 10.075649123305144, 'appliances': 8.466211210871043, 'applicable': 7.2175382276272, 'applicants': 9.248970550120676, 'application': 5.741163433400262, 'applications': 5.020313650290981, 'applied': 6.445610169214141, 'applies': 7.406438755519197, 'apply': 4.6576457709546375, 'applying': 6.08402306727803, 'appointed': 9.623663999562087, 'appreciate': 4.6003817437650625, 'appreciated': 5.31469693575771, 'appreciates': 8.763462734338976, 'appreciating': 8.466211210871043, 'appreciation': 5.983688352438319, 'appreciations': 9.382501942745199, 'appreciative': 6.102665418087311, 'apprehension': 9.824334695024238, 'apprehensive': 8.620361890698302, 'apprenticeship': 9.942117730680621, 'approach': 4.814440416152701, 'approachable': 8.886065056431306, 'approached': 8.307987205656149, 'approaches': 6.641661918819997, 'approaching': 7.37716837321908, 'appropriate': 4.227972468988874, 'appropriately': 6.183828825194517, 'approval': 8.977036834637033, 'approve': 9.382501942745199, 'approved': 7.446848293857074, 'approx': 8.84350544201251, 'approximate': 9.942117730680621, 'approximately': 4.72922209618658, 'apps': 4.107672557504375, 'apraxia': 9.623663999562087, 'apraxic': 9.71897417936641, 'april': 7.57890801587014, 'apron': 9.18834592830424, 'aprons': 7.961116261814038, 'aps': 8.977036834637033, 'apt': 8.237369638442196, 'aptitude': 8.307987205656149, 'aptitudes': 9.536652622572456, 'aquaponic': 9.824334695024238, 'aquaponics': 8.725722406356127, 'aquarium': 7.862676189000785, 'aquariums': 9.248970550120676, 'aquatic': 8.620361890698302, 'ar': 6.828602421470246, 'arab': 9.623663999562087, 'arabia':
8.536652622572456, 'arabic': 10.075649123305144, 'arabia': 6.627964289571362, 'arab':

9.5366526222572456, 'arabian': 10.075649123305144, 'arabic': 6.6370642095711368, 'arc':
9.536652622572456, 'arcade': 9.45660991489892, 'arch': 10.075649123305144, 'archaic':
9.824334695024238, 'archeologists': 10.075649123305144, 'archers': 10.075649123305144, 'archery':
8.55582336956073, 'arching': 9.942117730680621, 'architect': 8.38397311263407, 'architects':
7.567211976106949, 'architectural': 8.33267981824652, 'architecture': 7.330211390131313,
'archive': 10.075649123305144, 'arctic': 8.654263442373983, 'arduino': 8.307987205656149,
'arduinos': 9.536652622572456, 'arduous': 9.131187514464292, 'are': 6.472483187465237, 'area':
2.893297011419881, 'areal': 9.536652622572456, 'areas': 3.476556380304952, 'arena':
8.620361890698302, 'argentina': 9.824334695024238, 'arguably': 9.313509071258247, 'argue':
7.910685408187145, 'argued': 10.075649123305144, 'arguing': 8.654263442373983, 'argument':
7.816866652969491, 'argumentation': 9.536652622572456, 'argumentative': 8.763462734338976,
'arguments': 7.894424887315365, 'arise': 7.20937491698804, 'arises': 8.38397311263407, 'arising':
10.075649123305144, 'aristotle': 9.248970550120676, 'arithmetic': 8.070315553779029, 'arizona':
6.801203447282132, 'arkansas': 7.138757349774086, 'arledge': 9.623663999562087, 'arm':
7.555651153705873, 'armed': 8.763462734338976, 'armenian': 10.075649123305144, 'arms':
7.0448255299398825, 'armstrong': 9.71897417936641, 'army': 8.38397311263407, 'aromatherapy':
9.623663999562087, 'arose': 9.824334695024238, 'around': 2.734998874472865, 'arrange':
7.878424545968924, 'arranged': 7.996207581625308, 'arrangement': 6.460877641344929,
'arrangements': 6.566238157002755, 'arranging': 9.025826998806465, 'array': 6.11076262831993,
'arrays': 8.58757206787531, 'arrested': 9.536652622572456, 'arrival': 8.014226087127986,
'arrivals': 8.307987205656149, 'arrive': 5.302546117975197, 'arrived': 6.713291574959252,
'arrives': 8.28388965407709, 'arriving': 7.377168373219084, 'arrow': 9.824334695024238, 'arrows':
9.18834592830424, 'arsenal': 9.824334695024238, 'art': 3.5752178219161705, 'artful':
9.313509071258247, 'arthur': 9.025826998806465, 'article': 6.7851173095305075, 'articles':
5.466202380549792, 'articulate': 7.787452767763197, 'articulating': 9.623663999562087,
'articulation': 7.704071158824147, 'artifact': 9.536652622572456, 'artifacts': 7.567211976106949,
'artificial': 8.58757206787531, 'artist': 6.149441482885041, 'artistic': 5.440920135075507,
'artistically': 7.787452767763197, 'artistry': 9.18834592830424, 'artists': 5.208114672849561,
'artroom': 9.942117730680621, 'arts': 3.77617480423971, 'artsonia': 9.71897417936641, 'artsy': 9.4
5660991489892, 'artwork': 5.885994381278718, 'artworks': 8.214896782590138, 'as':
2.647400815154879, 'asd': 7.773064030311097, 'ashamed': 8.84350544201251, 'asia':
7.446848293857074, 'asian': 5.864580286774902, 'asians': 9.025826998806465, 'aside':
6.408431165972386, 'ask': 3.9891991244359564, 'asked': 4.232104706273784, 'asking':
3.880369478902765, 'asks': 7.652111419893435, 'asl': 8.654263442373983, 'asleep':
8.525051710893976, 'aspect': 5.656808515508546, 'aspects': 5.339450674910648, 'asperger':
9.18834592830424, 'aspergers': 9.942117730680621, 'aspiration': 9.536652622572456, 'aspirations':
6.764063900332675, 'aspire': 6.769285844313827, 'aspires': 10.075649123305144, 'aspiring':
7.499770695311416, 'assemble': 7.878424545968924, 'assembled': 8.84350544201251, 'assemblies':
7.544222457882251, 'assembling': 8.84350544201251, 'assembly': 8.10953626693231, 'assert':
9.942117730680621, 'asses': 9.313509071258247, 'assess': 6.219440896983394, 'assessable':
9.824334695024238, 'assessed': 7.614840025096203, 'assesses': 9.382501942745199, 'assessing':
8.08973363963613, 'assessment': 5.771584030100974, 'assessments': 5.320828162812647, 'asset':
6.15792809676236, 'assets': 8.10953626693231, 'assign': 6.718254364301381, 'assigned':
5.781283427189687, 'assigning': 8.495198747744295, 'assignment': 5.795022603072991, 'assignments':
4.330816108818585, 'assimilate': 8.84350544201251, 'assist': 4.485728809562089, 'assistance':
5.138096685947365, 'assistant': 7.348730437898551, 'assistants': 8.150358261452567, 'assisted':
7.862676189000785, 'assisting': 7.05871464210055, 'assistive': 7.704071158824147, 'assists':
7.773064030311097, 'associate': 7.457211080892621, 'associated': 6.618881890488177, 'associates':
9.536652622572456, 'associating': 9.45660991489892, 'association': 7.0448255299398825,
'associations': 9.45660991489892, 'assorted': 8.070315553779029, 'assortment': 7.1773721859018655,
'assume': 8.08973363963613, 'assumed': 9.536652622572456, 'assuming': 9.382501942745199,
'assumptions': 9.382501942745199, 'assurance': 9.382501942745199, 'assure': 7.242435779248927,
'assured': 8.171411670650398, 'assuredly': 9.942117730680621, 'assures': 9.824334695024238,
'assuring': 9.45660991489892, 'asthma': 8.84350544201251, 'astonished': 9.536652622572456,
'astonishing': 8.977036834637033, 'astound': 8.886065056431306, 'astounded': 8.977036834637033,
'astounding': 7.9785080045259065, 'astounds': 9.71897417936641, 'astronaut': 9.077120293194016, 'a
stronauts': 8.260359156666894, 'astronomical': 9.71897417936641, 'astronomy': 8.28388965407709,
'astute': 9.824334695024238, 'asus': 8.886065056431306, 'at': 3.998990325372202, 'ate':
8.620361890698302, 'athlete': 7.652111419893435, 'athletes': 5.702591158614022, 'athletic':
6.408431165972386, 'athletically': 9.382501942745199, 'athletics': 6.891660557437383, 'atlanta':
6.856773298436943, 'atlantic': 9.623663999562087, 'atlas': 9.313509071258247, 'atlases':
9.313509071258247, 'atleast': 9.942117730680621, 'atmosphere': 5.170374344866714, 'atmospheric':
9.942117730680621, 'atom': 9.313509071258247, 'atomic': 9.313509071258247, 'atoms':
8.886065056431306, 'atpe': 8.763462734338976, 'atrocities': 10.075649123305144, 'attach':
7.276627143997207, 'attached': 6.834173466519702, 'attaches': 9.71897417936641, 'attaching':
9.45660991489892, 'attachment': 9.382501942745199, 'attachments': 9.18834592830424, 'attack':
8.307987205656149, 'attacking': 9.623663999562087, 'attacks': 9.536652622572456, 'attain':
6.779812257300814, 'attainable': 7.704071158824147, 'attained': 8.93051681900214, 'attaining':
8.10953626693231, 'attainment': 9.248970550120676, 'attempt': 6.460877641344929, 'attempted':
8.58757206787531, 'attempting': 7.079916849751153, 'attempts': 8.33267981824652, 'attend':
3.7691131821135047, 'attendance': 5.77739237169672, 'attended': 6.027597845053887, 'attending':
5.390875886718085, 'attends': 8.35799762623081, 'attention': 3.7885874817670198, 'attentional': 9.
942117730680621, 'attentions': 10.075649123305144, 'attentive': 6.48422500534192, 'attentively': 9
.71897417936641, 'attentiveness': 8.192917875871363, 'attest': 9.248970550120676, 'attire':
8.307987205656149, 'attitude': 5.319598906357917, 'attitudes': 5.802559152668728, 'attract':
7.426439422225867, 'attracted': 8.55582336956073, 'attracting': 9.623663999562087, 'attraction':
9.71897417936641, 'attractions': 9.623663999562087, 'attractive': 7.521749602030192, 'attracts': 8

.55582336956073, 'attribute': 8.438040333904347, 'attributed': 9.45660991489892, 'attributes': 7.285360823965961, 'atwood': 10.075649123305144, 'atypical': 9.313509071258247, 'auburn': 9.942117730680621, 'auction': 9.45660991489892, 'audacity': 10.075649123305144, 'audible': 8.35799762623081, 'audibly': 10.075649123305144, 'audience': 6.404788174693886, 'audiences': 7.894424887315365, 'audio': 5.476209612026037, 'audiobook': 8.802683447492257, 'audiobooks': 7.6271101176880185, 'audition': 8.150358261452567, 'auditioning': 10.075649123305144, 'auditions': 9.824334695024238, 'auditorily': 9.942117730680621, 'auditorium': 7.996207581625308, 'auditory': 5.9956932985351425, 'auggie': 9.248970550120676, 'augment': 8.466211210871043, 'augmentative': 8.438040333904347, 'augmented': 8.55582336956073, 'august': 6.272166286452204, 'aunt': 8.84350544201251, 'aunts': 8.08973363963613, 'aural': 8.93051681900214, 'aurasma': 9.942117730680621, 'aurora': 9.71897417936641, 'austin': 8.260359156666894, 'australia': 9.71897417936641, 'authentic': 5.369987398770729, 'authentically': 8.84350544201251, 'authenticity': 9.536652622572456, 'author': 5.658531168819992, 'authored': 10.075649123305144, 'authority': 9.248970550120676, 'authorized': 9.313509071258247, 'authors': 5.438150050201692, 'autism': 4.268794463509128, 'autistic': 6.253238276566685, 'auto': 9.077120293194016, 'autobiographical': 9.824334695024238, 'autobiographies': 9.313509071258247, 'autobiography': 9.248970550120676, 'autodesk': 9.824334695024238, 'automated': 9.623663999562087, 'automatic': 8.192917875871363, 'automatically': 7.499770695311416, 'automaticity': 8.977036834637033, 'automation': 9.45660991489892, 'automobiles': 9.942117730680621, 'automotive': 10.075649123305144, 'autonomous': 8.763462734338976, 'autonomy': 7.510699765843607, 'auxiliary': 9.131187514464292, 'av': 9.536652622572456, 'avail': 9.824334695024238, 'availability': 6.646280864676291, 'available': 3.4975890966651955, 'avenue': 6.718254364301381, 'avenues': 6.774535200199971, 'average': 5.235971627352527, 'averages': 8.260359156666894, 'averaging': 9.824334695024238, 'aversion': 10.075649123305144, 'aviation': 9.71897417936641, 'avid': 5.941626077264867, 'avoid': 6.637064209571368, 'avoided': 9.536652622572456, 'avoiding': 8.725722406356127, 'avoids': 10.075649123305144, 'await': 7.416389086372366, 'awaiting': 8.014226087127986, 'awaits': 7.862676189000785, 'awake': 7.758879395319141, 'awaken': 8.070315553779029, 'awakening': 9.536652622572456, 'award': 6.234661890993749, 'awarded': 7.303060401065363, 'awarding': 9.942117730680621, 'awards': 6.758869083455571, 'aware': 5.474773861599933, 'awareness': 5.138096685947365, 'away': 4.2458635224452115, 'awbie': 9.942117730680621, 'awe': 7.0448255299398825, 'awesome': 4.438311748057095, 'awesomeness': 8.763462734338976, 'awful': 8.260359156666894, 'awhile': 8.35799762623081, 'awkward': 8.08973363963613, 'awkwardness': 9.942117730680621, 'awry': 9.942117730680621, 'axis': 9.824334695024238, 'axles': 9.824334695024238, 'az': 8.654263442373983, 'aztec': 10.075649123305144, 'babe': 10.075649123305144, 'babes': 9.824334695024238, 'babies': 6.5791415618386635, 'baby': 6.933962937128073, 'babyish': 9.313509071258247, 'babysit': 9.71897417936641, 'babysitters': 9.71897417936641, 'babysitting': 8.55582336956073, 'baccalaureate': 6.5791415618386635, 'bach': 10.075649123305144, 'bachelor': 9.942117730680621, 'back': 3.7525710628538005, 'backboard': 9.942117730680621, 'backbone': 9.025826998806465, 'backdrop': 8.725722406356127, 'backdrops': 8.725722406356127, 'backed': 8.525051710893976, 'background': 4.214049230144264, 'backgrounds': 2.789555260748248, 'backing': 9.45660991489892, 'backless': 9.45660991489892, 'backpack': 5.385612716673811, 'backpacks': 5.8415426187078845, 'backpatter': 8.763462734338976, 'backs': 7.0176129664149975, 'backseat': 9.248970550120676, 'backstage': 9.536652622572456, 'backup': 9.623663999562087, 'backward': 9.025826998806465, 'backwards': 8.10953626693231, 'backyard': 8.55582336956073, 'backyards': 9.942117730680621, 'bacon': 10.075649123305144, 'bacteria': 8.33267981824652, 'bacterial': 9.942117730680621, 'bad': 5.937059859285285, 'badge': 9.45660991489892, 'badges': 9.025826998806465, 'badly': 7.8626761890000785, 'badminton': 8.33267981824652, 'bag': 5.1682601791743785, 'baggage': 7.787452767763197, 'baggie': 9.623663999562087, 'baggies': 8.28388965407709, 'baggy': 10.075649123305144, 'bags': 5.106828379641894, 'bake': 8.38397311263407, 'baked': 9.131187514464292, 'baker': 9.248970550120676, 'bakers': 9.824334695024238, 'bakery': 9.942117730680621, 'baking': 8.237369638442196, 'balance': 4.650069977146179, 'balanced': 6.314449007611581, 'balances': 8.35799762623081, 'balancing': 6.774535200199971, 'ball': 4.56337311501997, 'ballerinas': 10.075649123305144, 'ballet': 8.620361890698302, 'balloon': 8.495198747744295, 'balloons': 8.525051710893976, 'ballroom': 9.71897417936641, 'balls': 4.105846072978341, 'balm': 9.077120293194016, 'balsa': 9.824334695024238, 'baltimore': 7.03795265065212, 'bamboo': 9.824334695024238, 'banana': 8.93051681900214, 'bananagrams': 9.942117730680621, 'bananas': 8.93051681900214, 'band': 5.348261304592803, 'bandaids': 9.824334695024238, 'bands': 5.160895600912171, 'bang': 8.689354762185253, 'banging': 9.536652622572456, 'bangladesh': 8.260359156666894, 'bank': 6.97170326511092, 'banker': 9.942117730680621, 'bankers': 9.382501942745199, 'banking': 8.886065056431306, 'banks': 8.410641359716232, 'banner': 8.55660991489892, 'banners': 9.536652622572456, 'banquet': 10.075649123305144, 'bar': 6.496106333228673, 'barack': 9.382501942745199, 'barbara': 9.313509071258247, 'barcode': 10.075649123305144, 'bare': 6.856773298436943, 'barely': 6.408431165972386, 'baritone': 9.248970550120676, 'bark': 9.623663999562087, 'barn': 9.248970550120676, 'barometer': 9.824334695024238, 'barrage': 9.942117730680621, 'barred': 9.536652622572456, 'barrel': 9.71897417936641, 'barrels': 9.536652622572456, 'barren': 9.942117730680621, 'barrier': 6.2439069491378, 'barriers': 5.496529614516994, 'barrio': 9.71897417936641, 'barrow': 9.71897417936641, 'barry': 9.942117730680621, 'bars': 6.669970113888439, 'basal': 8.886065056431306, 'base': 5.4257787583991455, 'baseball': 6.7332922416659216, 'baseballs': 9.077120293194016, 'based': 3.3092928402251016, 'baseline': 8.886065056431306, 'basement': 9.313509071258247, 'baseplates': 9.71897417936641, 'bases': 6.965313467012149, 'basic': 3.5468561325651717, 'basically': 7.225768726763715, 'basics': 5.464780916202415, 'basil': 9.71897417936641, 'basis': 3.757111409915505, 'basket': 7.652111419893435, 'basketball': 5.648239482783445, 'basketballs': 6.52030106181573, 'baskets': 7.031126685581721, 'bass': 7.339428045236237, 'basses': 9.45660991489892, 'bassoon': 9.942117730680621, 'bat': 8.38397311263407, 'batch': 8.654263442373983, 'bath': 8.260359156666894,

'bathe': 9.824334695024238, 'bathing': 9.623663999562087, 'bathroom': 7.446848293857074, 'bathrooms': 9.71897417936641, 'batman': 9.824334695024238, 'baton': 7.8319045303340316, 'batons': 9.313509071258247, 'bats': 8.10953626693231, 'battered': 9.45660991489892, 'batteries': 6.927809071553694, 'battery': 7.510699765843607, 'batting': 8.689354762185253, 'battle': 6.70835329331867, 'battles': 8.08973363963613, 'battling': 8.38397311263407, 'bay': 6.94638545712663, 'bayou': 9.824334695024238, 'bb': 9.623663999562087, 'bc': 9.824334695024238, 'be': 6.504106375895749, 'beach': 6.738355543622468, 'beaches': 9.025826998806465, 'beacon': 8.886065056431306, 'bead': 8.84350544201251, 'beaded': 9.824334695024238, 'beading': 9.382501942745199, 'beads': 6.984606669946827, 'beakers': 8.977036834637033, 'beam': 7.84717200246482, 'beaming': 8.237369638442196, 'beams': 8.802683447492257, 'bean': 5.121836165075584, 'beanbag': 7.087085339229765, 'beanbags': 7.330211390131313, 'beans': 7.927214710138356, 'bear': 7.602718664563859, 'bearded': 9.942117730680621, 'bearing': 9.382501942745199, 'bears': 7.602718664563859, 'beast': 9.248970550120676, 'beat': 6.337979505021775, 'beating': 8.237369638442196, 'beats': 7.717494179156287, 'beauties': 10.075649123305144, 'beautification': 9.382501942745199, 'beautiful': 4.628296177596619, 'beautifully': 7.32107890656804, 'beautify': 8.55582336956073, 'beauty': 6.48422500534192, 'beaver': 9.824334695024238, 'beavers': 9.18834592830424, 'became': 6.213416782380013, 'because': 4.387222036732137, 'become': 2.69086140372054, 'becomes': 5.1682601791743785, 'becoming': 4.223857236843767, 'becuase': 9.824334695024238, 'bed': 6.897595292957198, 'bedding': 9.313509071258247, 'bedelia': 9.942117730680621, 'bedford': 9.18834592830424, 'bedroom': 7.996207581625308, 'bedrooms': 9.942117730680621, 'beds': 7.457211080892621, 'bedtime': 9.025826998806465, 'bee': 7.467682380759916, 'beebots': 9.45660991489892, 'beef': 9.382501942745199, 'beehive': 10.075649123305144, 'beep': 10.075649123305144, 'bees': 7.84717200246482, 'beethoven': 9.45660991489892, 'before': 6.9156137984598764, 'befriend': 9.824334695024238, 'beg': 6.817552585283662, 'began': 5.682965194157274, 'begged': 7.787452767763197, 'begging': 6.828602421470246, 'begin': 4.005571461333219, 'beginner': 7.234067529578411, 'beginners': 7.9785080045259065, 'beginning': 4.127987198855554, 'beginnings': 7.878424545968924, 'begins': 5.783234647320949, 'begs': 10.075649123305144, 'begun': 6.314449007611581, 'behalf': 7.9785080045259065, 'behave': 7.544222457882251, 'behaved': 7.101578346532332, 'behaving': 9.313509071258247, 'behavior': 4.378076365283256, 'behavioral': 5.328235604090508, 'behaviorally': 7.339428045236237, 'behaviors': 5.452077851946161, 'behind': 4.625223978559649, 'behold': 8.93051681900214, 'beige': 10.075649123305144, 'being': 4.317198104450144, 'beings': 6.74344461312994, 'belief': 6.334583916020637, 'beliefs': 7.1540248219048745, 'believe': 3.3499297276398003, 'believed': 7.499770695311416, 'believer': 7.131210144138703, 'believers': 8.33267981824652, 'believes': 6.74855971379671, 'believing': 7.0176129664149975, 'belkin': 9.623663999562087, 'bell': 6.6936831035708755, 'belle': 9.71897417936641, 'bellies': 7.330211390131313, 'bells': 7.731099831212066, 'belly': 8.237369638442196, 'belmont': 9.942117730680621, 'belong': 6.508130526195474, 'belonged': 9.942117730680621, 'belonging': 6.7851173095305075, 'belongings': 6.70835329331867, 'belongs': 7.426439422225867, 'belorussia': 9.623663999562087, 'beloved': 7.303060401065363, 'below': 9.131187514464292, 'belt': 8.214896782590138, 'belts': 8.725722406356127, 'ben': 8.802683447492257, 'bench': 7.406438755519197, 'benches': 7.690825932074126, 'benchmark': 7.80205156718435, 'benchmarks': 8.192917875871363, 'bend': 8.070315553779029, 'bending': 8.763462734338976, 'bends': 9.824334695024238, 'beneath': 8.55582336956073, 'beneficial': 4.934821337849879, 'benefit': 3.372636310266325, 'benefited': 7.8319045303340316, 'benefiting': 7.816866652969491, 'benefits': 4.746386952907685, 'benefitted': 9.71897417936641, 'benefitting': 9.71897417936641, 'bengali': 8.260359156666894, 'benifit': 10.075649123305144, 'benjamin': 6.570520818794757, 'bent': 8.09973363963613, 'beowulf': 10.075649123305144, 'berenstain': 9.942117730680621, 'berkeley': 9.536652622572456, 'bernard': 10.075649123305144, 'bernardino': 8.93051681900214, 'berries': 9.824334695024238, 'bes': 9.824334695024238, 'beside': 8.33267981824652, 'besides': 6.304531570954235, 'best': 2.3447214104678262, 'bestow': 9.45660991489892, 'bestowed': 10.075649123305144, 'bests': 9.536652622572456, 'bet': 8.237369638442196, 'beta': 9.248970550120676, 'bethune': 9.536652622572456, 'better': 2.7116450954881817, 'bettering': 7.961116261814038, 'betterment': 8.93051681900214, 'between': 7.457211080892621, 'beverages': 9.536652622572456, 'beyond': 3.9153463697404938, 'bfg': 9.18834592830424, 'bi': 7.312029071048123, 'bias': 8.260359156666894, 'biased': 8.410641359716232, 'biases': 9.824334695024238, 'bickering': 10.075649123305144, 'bicultural': 9.077120293194016, 'bicycle': 8.410641359716232, 'bicycles': 9.18834592830424, 'bid': 9.71897417936641, 'bifida': 9.824334695024238, 'big': 3.861041024882952, 'bigger': 5.9056671468774224, 'biggest': 5.339450674910648, 'bike': 6.984606669946827, 'bikes': 7.193245535058156, 'biking': 8.84350544201251, 'bilateral': 9.623663999562087, 'bilibo': 9.45660991489892, 'bilingual': 5.030382385239247, 'bilingualism': 8.886065056431306, 'bilinguals': 9.025826998806465, 'biliteracy': 8.977036834637033, 'biliterate': 8.08973363963613, 'bill': 7.426439422225867, 'billion': 9.313509071258247, 'billions': 10.075649123305144, 'bills': 7.478264490090453, 'billy': 8.33267981824652, 'bin': 6.679225020395646, 'bind': 8.725722406356127, 'binder': 6.74344461312994, 'binders': 6.146628541508426, 'binding': 7.8319045303340316, 'bindings': 9.942117730680621, 'binds': 9.131187514464292, 'bingo': 7.664850445670865, 'binoculars': 8.93051681900214, 'bins': 5.394841523111432, 'bio': 9.313509071258247, 'biodiversity': 8.977036834637033, 'biographical': 9.382501942745199, 'biographies': 7.35812017824839, 'biography': 7.927214710138356, 'biological': 7.590742473517143, 'biologist': 9.45660991489892, 'biologists': 9.077120293194016, 'biology': 6.231599101463203, 'biome': 9.824334695024238, 'biomedical': 9.18834592830424, 'biomes': 8.689354762185253, 'bioscience': 10.075649123305144, 'biosphere': 9.942117730680621, 'biotech': 9.942117730680621, 'biotechnology': 8.802683447492257, 'bip': 9.71897417936641, 'bird': 7.690825932074126, 'birds': 7.499770695311416, 'birmingham': 9.313509071258247, 'birth': 7.80205156718435, 'birthday': 7.664850445670865, 'birthdays': 8.466211210871043, 'biscuit': 10.075649123305144, 'bistro': 9.942117730680621, 'bit': 5.13604960232564, 'bite': 9.18834592830424, 'biting': 10.075649123305144, 'bits': 7.690825932074126, 'bitten':

10.075649123305144, 'bitter': 9.824334695024238, 'bittersweet': 9.824334695024238, 'bitty': 9.824334695024238, 'biweekly': 9.71897417936641, 'black': 5.447879105399811, 'blackboard': 9.623663999562087, 'blackboards': 9.942117730680621, 'blacks': 10.075649123305144, 'blacktop': 8.55582336956073, 'blade': 9.382501942745199, 'blades': 9.248970550120676, 'blame': 8.10953626693231, 'blank': 7.03795265065212, 'blanket': 8.35799762623081, 'blankets': 7.944021828454737, 'blanks': 9.942117730680621, 'blast': 7.510699765843607, 'blaydes': 9.942117730680621, 'bleak': 8.725722406356127, 'bleed': 9.623663999562087, 'blend': 6.583379963437261, 'blended': 6.210418279383757, 'blender': 8.38397311263407, 'blenders': 9.824334695024238, 'blending': 7.087085339229765, 'blends': 7.614840025096203, 'bless': 8.38397311263407, 'blessed': 5.166150473750529, 'blessing': 6.641661918819997, 'blessings': 8.237369638442196, 'blew': 9.942117730680621, 'blind': 8.070315553779029, 'blindness': 9.18834592830424, 'blink': 9.382501942745199, 'bliss': 9.382501942745199, 'block': 5.156711494389596, 'blocked': 8.977036834637033, 'blocking': 8.12973897424983, 'blockly': 9.248970550120676, 'blocks': 5.1279029177578215, 'blog': 7.131210144138703, 'bloggers': 10.075649123305144, 'blogging': 8.08973363963613, 'blogs': 7.590742473517143, 'blogspot': 10.075649123305144, 'blood': 6.198513376877438, 'bloody': 9.942117730680621, 'bloom': 7.406438755519197, 'blooming': 9.025826998806465, 'bloomington': 9.536652622572456, 'blooms': 9.623663999562087, 'blossom': 6.851075277322305, 'blossomed': 9.623663999562087, 'blossoming': 8.620361890698302, 'blow': 7.567211976106949, 'blowing': 8.38397311263407, 'blown': 7.521749602030192, 'blows': 9.71897417936641, 'bloxel': 10.075649123305144, 'bloxels': 8.725722406356127, 'blue': 6.030094725252475, 'blueprint': 8.977036834637033, 'blueprints': 8.307987205656149, 'blues': 9.382501942745199, 'bluetooth': 7.436591793689885, 'blurry': 9.131187514464292, 'bmi': 9.382501942745199, 'board': 4.344622126542377, 'boarded': 9.71897417936641, 'boarder': 9.824334695024238, 'boarding': 9.45660991489892, 'boards': 4.652588870165664, 'boast': 9.131187514464292, 'boasts': 8.93051681900214, 'boat': 8.28388965407709, 'boats': 8.620361890698302, 'bob': 9.025826998806465, 'bobcat': 9.71897417936641, 'bobcats': 9.824334695024238, 'bodies': 4.36003219100194, 'bodily': 9.025826998806465, 'body': 4.235007465931745, 'bog': 10.075649123305144, 'bogged': 8.84350544201251, 'boggle': 9.313509071258247, 'boggling': 9.942117730680621, 'boiling': 9.536652622572456, 'boisterous': 9.077120293194016, 'bold': 7.731099831212066, 'boldly': 9.536652622572456, 'bolster': 8.214896782590138, 'bolsters': 9.824334695024238, 'bolt': 10.075649123305144, 'bolts': 9.248970550120676, 'bombarded': 8.35799762623081, 'bombs': 9.824334695024238, 'bond': 6.72324190581242, 'bonded': 9.131187514464292, 'bonding': 8.150358261452567, 'bonds': 7.457211080892621, 'bone': 8.466211210871043, 'bones': 7.677753850506773, 'bongos': 9.942117730680621, 'bonjour': 9.824334695024238, 'bonus': 6.940154907375994, 'bonuses': 9.71897417936641, 'boogie': 7.225768726763715, 'book': 3.145852827731847, 'bookbag': 10.075649123305144, 'bookbags': 9.942117730680621, 'bookcase': 8.307987205656149, 'bookcases': 8.410641359716232, 'booked': 9.131187514464292, 'booking': 9.942117730680621, 'booklet': 9.18834592830424, 'booklets': 8.689354762185253, 'bookmaking': 9.824334695024238, 'bookmark': 9.313509071258247, 'bookmarks': 8.38397311263407, 'books': 2.5367740547145137, 'bookshare': 9.942117730680621, 'bookshelf': 7.010923978264201, 'bookshelves': 7.0176129664149975, 'bookstore': 8.763462734338976, 'bookstores': 9.45660991489892, 'bookworms': 8.802683447492257, 'boom': 8.260359156666894, 'boombox': 9.313509071258247, 'booming': 8.689354762185253, 'boomwhacker': 10.075649123305144, 'boomwhackers': 9.077120293194016, 'boon': 9.824334695024238, 'boost': 5.297726831539248, 'boosted': 9.942117730680621, 'booster': 8.84350544201251, 'boosters': 10.075649123305144, 'boosting': 7.910685408187145, 'boosts': 7.84717200246482, 'boot': 8.654263442373983, 'booth': 8.886065056431306, 'booths': 10.075649123305144, 'boots': 8.84350544201251, 'bop': 9.623663999562087, 'border': 7.555651153705873, 'bordered': 9.623663999562087, 'bordering': 9.45660991489892, 'borders': 7.8319045303340316, 'bored': 6.3725850341992505, 'boredom': 7.80205156718435, 'boring': 5.715283985412441, 'born': 5.9212403203403925, 'borne': 9.942117730680621, 'borough': 8.84350544201251, 'boroughs': 8.35799762623081, 'borrow': 6.042673507459335, 'borrowed': 7.161746867998785, 'borrowing': 7.677753850506773, 'bose': 9.131187514464292, 'bosnia': 10.075649123305144, 'bosnian': 9.824334695024238, 'boss': 9.71897417936641, 'boston': 6.903565459943701, 'bosu': 9.45660991489892, 'bot': 8.051267358808335, 'botanists': 9.71897417936641, 'botany': 9.623663999562087, 'both': 6.091970128970562, 'bother': 8.654263442373983, 'bothered': 9.623663999562087, 'bothering': 7.677753850506773, 'bothersome': 10.075649123305144, 'bots': 7.862676189000785, 'bottle': 7.312029071048123, 'bottled': 8.466211210871043, 'bottles': 6.426847892758618, 'bottom': 6.426847892758618, 'bottoms': 8.150358261452567, 'bought': 6.6010242730881705, 'bounce': 5.64313308870887, 'bounced': 9.131187514464292, 'bounces': 9.942117730680621, 'bouncing': 6.684021192659139, 'bouncy': 5.547668576008182, 'bound': 6.195559164980007, 'boundaries': 6.5284978290199085, 'boundary': 8.307987205656149, 'bounding': 9.71897417936641, 'boundless': 7.910685408187145, 'bounds': 7.416389086372366, 'bountiful': 9.536652622572456, 'bounty': 9.824334695024238, 'bout': 9.71897417936641, 'bouts': 8.84350544201251, 'bow': 8.977036834637033, 'bowl': 7.8319045303340316, 'bowling': 7.717494179156287, 'bowls': 8.214896782590138, 'bows': 8.802683447492257, 'box': 4.852209255689857, 'boxcar': 9.71897417936641, 'boxed': 9.313509071258247, 'boxes': 5.582208901260358, 'boxing': 9.623663999562087, 'boy': 6.627931726008095, 'boyle': 10.075649123305144, 'boys': 4.695093658520134, 'bracelet': 9.313509071258247, 'bracelets': 8.070315553779029, 'braces': 9.942117730680621, 'bracket': 8.84350544201251, 'brackets': 9.942117730680621, 'brad': 9.71897417936641, 'bradbury': 9.824334695024238, 'brag': 8.410641359716232, 'bragg': 9.536652622572456, 'braille': 9.382501942745199, 'brain': 4.349732474481676, 'brainpop': 7.614840025096203, 'brainpower': 10.075649123305144, 'brains': 4.925666051262925, 'brainstorm': 6.921692844536259, 'brainstormed': 7.146361949159306, 'brainstorming': 6.845409539786628, 'branch': 7.996207581625308, 'branches': 8.620361890698302, 'branching': 8.93051681900214, 'brand': 5.33694754469253, 'brands': 9.824334695024238, 'brass': 8.410641359716232, 'brave': 7.101578346532332, 'bravely': 9.71897417936641, 'bravery':

8.689354762185253, 'bravest': 9.18834592830424, 'brayers': 9.824334695024238, 'brazil':
8.495198747744295, 'brazilian': 9.824334695024238, 'bread': 9.025826998806465, 'breadth':
8.93051681900214, 'break': 4.64005737785375, 'breakage': 9.824334695024238, 'breakdown':
8.55582336956073, 'breakfast': 3.4662998801377634, 'breakfasts': 7.614840025096203, 'breaking': 6.
41575720606446, 'breakout': 7.161746867998785, 'breakoutedu': 8.495198747744295, 'breakouts':
9.025826998806465, 'breaks': 4.912497136673284, 'breakthrough': 10.075649123305144,
'breakthroughs': 9.942117730680621, 'breath': 7.6271101176880185, 'breathe': 7.704071158824147,
'breathes': 9.942117730680621, 'breathing': 7.20937491698804, 'breaths': 9.942117730680621,
'breathtaking': 9.824334695024238, 'breed': 9.18834592830424, 'breeding': 10.075649123305144, 'bre
eds': 9.18834592830424, 'breeze': 8.725722406356127, 'brentwood': 9.824334695024238, 'brian':
9.313509071258247, 'brick': 8.150358261452567, 'bricks': 7.614840025096203, 'bridge':
5.380377102619866, 'bridgeport': 9.18834592830424, 'bridges': 6.769285844313827, 'bridging':
7.652111419893435, 'brief': 8.10953626693231, 'briefly': 9.18834592830424, 'bright':
3.9798245608729186, 'brighten': 6.812073119519036, 'brightening': 9.824334695024238, 'brightens':
8.93051681900214, 'brighter': 6.646280864676291, 'brightest': 7.051745972784456, 'brightly':
7.664850445670865, 'brightness': 8.84350544201251, 'brilliance': 8.689354762185253, 'brilliant':
5.976553958324445, 'brilliantly': 9.623663999562087, 'brim': 8.84350544201251, 'brimming':
8.438040333904347, 'bring': 3.3511301050453612, 'bringing': 5.232587529368287, 'brings':
5.102864053339985, 'brink': 10.075649123305144, 'bristle': 9.71897417936641, 'brita':
9.71897417936641, 'britain': 9.942117730680621, 'britannica': 10.075649123305144, 'british':
9.313509071258247, 'broach': 10.075649123305144, 'broad': 6.874064795547004, 'broadcast':
7.84717200246482, 'broadcasting': 8.802683447492257, 'broadcasts': 9.313509071258247, 'broaden':
6.102665418087311, 'broadened': 9.824334695024238, 'broadening': 8.192917875871363, 'broadens':
9.313509071258247, 'broader': 7.488959779207201, 'broadway': 8.654263442373983, 'broccoli':
10.075649123305144, 'brochure': 8.886065056431306, 'brochures': 8.08973363963613, 'broke':
7.488959779207201, 'broken': 5.026709286527386, 'bronx': 6.065721902895626, 'bronze':
10.075649123305144, 'brooklyn': 6.41575720606446, 'brooks': 9.942117730680621, 'broom':
9.248970550120676, 'brother': 7.944021828454737, 'brotherhood': 9.942117730680621, 'brothers':
7.704071158824147, 'brought': 5.754358723819094, 'brown': 7.499770695311416, 'brownsville':
9.71897417936641, 'browse': 7.894424887315365, 'browsed': 9.942117730680621, 'browser':
9.536652622572456, 'browsers': 10.075649123305144, 'browsing': 8.438040333904347, 'bruises':
10.075649123305144, 'brush': 7.758879395319141, 'brushed': 9.131187514464292, 'brushes':
6.927809071553694, 'brushing': 9.025826998806465, 'brutal': 9.623663999562087, 'bryant':
10.075649123305144, 'bubble': 7.614840025096203, 'bubbles': 7.704071158824147, 'bubbling':
8.466211210871043, 'bubbly': 7.961116261814038, 'buck': 9.313509071258247, 'bucket':
7.499770695311416, 'buckets': 7.488959779207201, 'buckle': 9.824334695024238, 'bucks':
8.802683447492257, 'bud': 9.077120293194016, 'buddies': 6.9911213509680215, 'budding':
6.390347490539091, 'buddy': 6.5409203490184655, 'budget': 4.319906909718231, 'budgetary':
8.495198747744295, 'budgeted': 9.313509071258247, 'budgeting': 8.12973897424983, 'budgets':
6.404788174693886, 'buds': 8.014226087127986, 'buenos': 9.536652622572456, 'buffalo':
8.763462734338976, 'bug': 8.051267358808335, 'bugs': 7.704071158824147, 'build':
3.084472236183934, 'builder': 8.28388965407709, 'builders': 7.0943055872032525, 'building':
3.3182185193167357, 'buildings': 6.468599687438839, 'builds': 5.974187093314179, 'built':
5.187450533546619, 'bulb': 7.499770695311416, 'bulbs': 8.070315553779029, 'bulk':
8.35799762623081, 'bulky': 7.664850445670865, 'bull': 9.623663999562087, 'bulldog':
9.382501942745199, 'bulldogs': 9.18834592830424, 'bullet': 9.623663999562087, 'bulletin':
6.885760835310195, 'bullets': 10.075649123305144, 'bullied': 8.620361890698302, 'bullies':
8.84350544201251, 'bully': 9.077120293194016, 'bullying': 7.087085339229765, 'bum':
9.824334695024238, 'bummed': 9.942117730680621, 'bump': 8.466211210871043, 'bumped':
9.45660991489892, 'bumper': 9.623663999562087, 'bumping': 8.802683447492257, 'bumps':
8.525051710893976, 'bumpy': 9.025826998806465, 'bunch': 4.959367640073901, 'bunches':
9.942117730680621, 'bundle': 6.684021192659139, 'bundles': 7.910685408187145, 'bungee':
8.192917875871363, 'bunny': 9.18834592830424, 'buoyancy': 8.689354762185253, 'burden':
6.862503973145928, 'burdened': 8.466211210871043, 'burdens': 8.171411670650398, 'burdensome':
9.942117730680621, 'bureau': 9.623663999562087, 'burgeoning': 9.382501942745199, 'buried':
9.077120293194016, 'burlington': 8.977036834637033, 'burma': 8.495198747744295, 'burmese':
8.150358261452567, 'burn': 6.390347490539091, 'burned': 7.996207581625308, 'burner':
8.28388965407709, 'burners': 9.71897417936641, 'burning': 6.650921244232794, 'burns':
8.55582336956073, 'burnt': 9.623663999562087, 'burst': 7.996207581625308, 'bursting':
6.965313467012149, 'bursts': 9.077120293194016, 'burundi': 10.075649123305144, 'bury':
10.075649123305144, 'bus': 5.953133684116346, 'bused': 7.521749602030192, 'buses':
7.878424545968924, 'bush': 9.536652622572456, 'bushy': 9.824334695024238, 'busiest':
9.623663999562087, 'busily': 9.536652622572456, 'business': 6.032597855470593, 'businesses':
6.75370111132971285, 'busing': 9.45660991489892, 'bussed': 8.150358261452567, 'busses':
9.382501942745199, 'bust': 9.623663999562087, 'busted': 10.075649123305144, 'busters':
9.942117730680621, 'busting': 9.18834592830424, 'bustle': 9.248970550120676, 'bustling':
7.9785080045259065, 'busy': 4.91086314938163, 'but': 4.462521016917073, 'butcher':
9.077120293194016, 'butler': 8.410641359716232, 'butt': 9.71897417936641, 'butter':
9.131187514464292, 'butterflies': 7.010923978264201, 'butterfly': 6.97170326511092, 'button':
7.0042794355455325, 'buttoning': 9.536652622572456, 'buttons': 7.386830284130821, 'buy':
4.983653308913275, 'buying': 6.434310613960207, 'buys': 9.942117730680621, 'buzz':
7.285360823965961, 'buzzer': 9.18834592830424, 'buzzers': 8.307987205656149, 'buzzes':
9.248970550120676, 'buzzing': 7.467682380759916, 'by': 3.0785756063748093, 'bye':
9.382501942745199, 'byod': 8.620361890698302, 'bystanders': 10.075649123305144, 'ca':
6.764063900332675, 'cabinet': 7.416389086372366, 'cabinets': 7.862676189000785, 'cable':
8.08973363963613, 'cables': 8.10953626693231, 'cacophony': 9.824334695024238, 'cad':
8.438040333904347, 'caddies': 7.416389086372366, 'caddy': 8.466211210871043, 'cadence':

10.075649123305144, 'cadet': 9.824334695024238, 'cadets': 9.623663999562087, 'caesar': 10.075649123305144, 'caf': 9.536652622572456, 'cafe': 7.944021828454737, 'cafes': 9.71897417936641, 'cafeteria': 6.885760835310195, 'cage': 8.977036834637033, 'cajon': 10.075649123305144, 'cajun': 9.942117730680621, 'cake': 8.438040333904347, 'cakes': 8.84350544201251, 'cal': 9.942117730680621, 'calculate': 7.250874647894792, 'calculated': 9.536652622572456, 'calculating': 7.961116261814038, 'calculation': 9.131187514464292, 'calculations': 7.567211976106949, 'calculator': 6.812073119519036, 'calculators': 6.198513376877438, 'calculus': 7.9785080045259065, 'caldecott': 9.942117730680621, 'caldwell': 10.075649123305144, 'calendar': 6.618881890488177, 'calendars': 9.45660991489892, 'caliber': 8.802683447492257, 'california': 5.112804493045236, 'calipers': 9.824334695024238, 'calkins': 9.077120293194016, 'call': 5.281039912754234, 'called': 5.156711494389596, 'calligraphy': 9.248970550120676, 'calling': 7.80205156718435, 'calls': 7.787452767763197, 'calm': 5.40415629438598, 'calmed': 9.382501942745199, 'calmer': 8.070315553779029, 'calming': 6.0787598972337555, 'calmly': 9.536652622572456, 'calmness': 8.55582336956073, 'calms': 9.313509071258247, 'calorie': 8.802683447492257, 'calories': 6.29471152477326, 'cam': 8.763462734338976, 'camaraderie': 8.171411670650398, 'cambodia': 8.38397311263407, 'cambodian': 9.382501942745199, 'cambridge': 9.077120293194016, 'camcorder': 9.025826998806465, 'camcorders': 9.313509071258247, 'camden': 8.014226087127986, 'came': 5.048016252840316, 'cameo': 9.382501942745199, 'camera': 5.06026322645029, 'cameras': 6.362077056600835, 'camp': 7.532922902628317, 'campaign': 7.84717200246482, 'campaigns': 9.382501942745199, 'campbell': 9.942117730680621, 'campers': 9.18834592830424, 'campfire': 9.536652622572456, 'camping': 8.192917875871363, 'camps': 7.614840025096203, 'campus': 4.875574804646069, 'campuses': 7.927214710138356, 'can': 5.389557494964827, 'canada': 9.45660991489892, 'canadian': 10.075649123305144, 'cancel': 8.84350544201251, 'canceling': 8.654263442373983, 'cancelled': 9.71897417936641, 'cancelling': 8.525051710893976, 'cancer': 7.744893153344401, 'candid': 10.075649123305144, 'candidate': 9.623663999562087, 'candidates': 8.58757206787531, 'candies': 9.536652622572456, 'candle': 9.623663999562087, 'cando': 9.623663999562087, 'candy': 7.0448255299398825, 'cane': 10.075649123305144, 'canisters': 10.075649123305144, 'canned': 9.025826998806465, 'cannon': 9.824334695024238, 'cannot': 3.9562940634627246, 'canon': 8.466211210871043, 'canopy': 9.71897417936641, 'cans': 7.894424887315365, 'cant': 8.410641359716232, 'cantonese': 8.12973897424983, 'cantonment': 10.075649123305144, 'canvas': 7.17773721859018655, 'canvases': 8.237369638442196, 'canyon': 9.025826998806465, 'cap': 8.689354762185253, 'capabilities': 6.15792809676236, 'capability': 6.879895715857797, 'capable': 4.994244758320681, 'capacities': 8.38397311263407, 'capacity': 6.118925938959091, 'cape': 8.466211210871043, 'capes': 9.824334695024238, 'capita': 9.45660991489892, 'capital': 7.457211080892621, 'capitalization': 9.45660991489892, 'capitalize': 7.894424887315365, 'capitals': 9.824334695024238, 'capitol': 9.18834592830424, 'caps': 8.35799762623081, 'capstone': 9.025826998806465, 'captain': 8.689354762185253, 'captioning': 10.075649123305144, 'captions': 8.33267981824652, 'captivate': 7.590742473517143, 'captivated': 8.089733663963613, 'captivates': 9.248970550120676, 'captivating': 7.6395326376865755, 'capture': 5.758161009768833, 'captured': 7.787452767763197, 'captures': 7.8319045303340316, 'capturing': 7.731099831212066, 'car': 6.7851173095305075, 'carbohydrates': 9.824334695024238, 'carbon': 7.9785080045259065, 'card': 6.091970128970562, 'cardboard': 6.856773298436943, 'cardinal': 9.71897417936641, 'cardinality': 9.536652622572456, 'cardio': 7.787452767763197, 'cardiovascular': 7.80205156718435, 'cards': 5.154625987898575, 'cardstock': 7.6395326376865755, 'care': 3.9931041082462055, 'cared': 6.25950788958028, 'career': 4.236669976705358, 'careers': 4.7436206994147945, 'carefree': 8.977036834637033, 'careful': 7.406438755519197, 'carefully': 6.70835329331867, 'caregiver': 8.620361890698302, 'caregivers': 7.758879395319141, 'cares': 6.94638545712663, 'caretaker': 9.824334695024238, 'caretakers': 9.131187514464292, 'caribbean': 8.192917875871363, 'caring': 4.333103915810513, 'carl': 8.55582336956073, 'carle': 8.725722406356127, 'carnegie': 8.58757206787531, 'carnival': 9.248970550120676, 'carnivorous': 9.942117730680621, 'carol': 9.131187514464292, 'carolina': 5.3648327481820655, 'carpenter': 10.075649123305144, 'carpenters': 9.824334695024238, 'carpentry': 10.075649123305144, 'carpet': 4.72311417085231, 'carpeted': 8.10953626693231, 'carpeting': 9.313509071258247, 'carpets': 7.567211976106949, 'carrels': 9.824334695024238, 'carribean': 10.075649123305144, 'carried': 7.717494179156287, 'carrier': 9.077120293194016, 'carriers': 9.18834592830424, 'carries': 8.070315553779029, 'carrot': 9.45660991489892, 'carrots': 8.763462734338976, 'carry': 5.148395438147939, 'carrying': 7.031126685581721, 'carryover': 9.824334695024238, 'cars': 6.545095720428946, 'carson': 9.942117730680621, 'cart': 5.290541171878374, 'carton': 9.942117730680621, 'cartons': 9.536652622572456, 'cartoon': 8.886065056431306, 'cartoons': 8.689354762185253, 'cartridge': 8.466211210871043, 'cartridges': 7.072799381982288, 'carts': 6.557727467334846, 'carve': 8.689354762185253, 'carved': 9.71897417936641, 'carver': 9.623663999562087, 'carving': 8.802683447492257, 'case': 5.518769226444833, 'caseload': 7.690825932074126, 'cases': 5.380377102619866, 'cash': 7.488959779207201, 'cassette': 8.070315553779029, 'cassettes': 9.536652622572456, 'cast': 8.014226087127986, 'casters': 9.942117730680621, 'casting': 8.84350544201251, 'castle': 8.495198747744295, 'castles': 8.886065056431306, 'casual': 9.313509071258247, 'cat': 7.446848293857074, 'catalog': 8.525051710893976, 'catalogs': 9.71897417936641, 'catalyst': 7.894424887315365, 'catapult': 8.802683447492257, 'catapults': 8.55582336956073, 'catastrophic': 9.71897417936641, 'catch': 5.60974100465056, 'catcher': 9.077120293194016, 'catchers': 9.313509071258247, 'catches': 8.93051681900214, 'catching': 6.9156137984598764, 'catchy': 8.802683447492257, 'categorical': 8.35799762623081, 'categories': 7.816866652969491, 'categorization': 10.075649123305144, 'categorize': 8.58757206787531, 'categorized': 7.9785080045259065, 'categorizing': 9.623663999562087, 'category': 7.35812017824839, 'cater': 7.16952900844084, 'catered': 8.725722406356127, 'catering': 8.886065056431306, 'caterpillar': 8.495198747744295, 'caterpillars': 8.10953626693231, 'caters': 7.996207581625308, 'cats': 9.18834592830424, 'caucasian': 6.160773048894591, 'caucasians': 9.077120293194016, 'caucasion': 10.075649123305144, 'caught': 7.05871464210055, 'cause':

5.6296421589678545, 'caused': 7.065732214759196, 'causes': 6.240815756568128, 'causing': 6.632487542543956, 'caution': 10.075649123305144, 'cautious': 10.075649123305144, 'cave': 9.623663999562087, 'caves': 10.075649123305144, 'cavities': 9.824334695024238, 'ccss': 8.58757206787531, 'cd': 5.5323543410351395, 'cdc': 9.45660991489892, 'cds': 6.921692844536259, 'ce': 10.075649123305144, 'cease': 7.242435779248927, 'ceases': 8.525051710893976, 'cedar': 9.824334695024238, 'ceiling': 8.150358261452567, 'ceilings': 9.824334695024238, 'celebrate': 5.371280223773035, 'celebrated': 6.845409539786628, 'celebrates': 7.652111419893435, 'celebrating': 6.933962937128073, 'celebration': 7.234067529578411, 'celebrations': 7.8319045303340316, 'celestial': 9.942117730680621, 'cell': 6.29471152477326, 'cello': 9.131187514464292, 'cellos': 9.45660991489892, 'cellphone': 9.18834592830424, 'cellphones': 9.313509071258247, 'cells': 7.079916849751153, 'cellular': 8.654263442373983, 'cement': 7.961116261814038, 'census': 9.025826998806465, 'cent': 9.382501942745199, 'center': 3.583842282446016, 'centered': 5.2114168222453205, 'centering': 9.313509071258247, 'centerpiece': 9.382501942745199, 'centers': 3.8702259344600245, 'central': 5.543049630151888, 'centralized': 9.18834592830424, 'centrally': 8.886065056431306, 'centric': 9.71897417936641, 'cents': 9.45660991489892, 'centuries': 9.131187514464292, 'century': 3.9299318607593867, 'ceo': 8.654263442373983, 'ceos': 9.025826998806465, 'ceramic': 8.10953626693231, 'ceramics': 7.910685408187145, 'cereal': 8.410641359716232, 'cerebellum': 9.942117730680621, 'cerebral': 7.108904386624405, 'ceremonies': 9.71897417936641, 'ceremony': 8.725722406356127, 'certain': 5.18101274307177, 'certainly': 5.335698325292098, 'certainty': 9.623663999562087, 'certificate': 8.307987205656149, 'certificates': 7.84717200246482, 'certification': 8.070315553779029, 'certifications': 9.824334695024238, 'certified': 6.862503973145928, 'cesar': 9.45660991489892, 'ch': 9.623663999562087, 'chain': 7.2175382276272, 'chains': 7.690825932074126, 'chair': 4.093153246179922, 'chairback': 9.942117730680621, 'chairs': 3.5562911538091386, 'chalk': 7.0943055872032525, 'chalkboard': 7.996207581625308, 'chalkboards': 9.077120293194016, 'challenge': 3.53400088607391, 'challenged': 4.681372437040341, 'challenges': 2.905749384230507, 'challenging': 4.003592568866859, 'chamber': 9.18834592830424, 'chamberlain': 9.824334695024238, 'chambers': 10.075649123305144, 'champion': 7.878424545968924, 'champions': 7.862676189000785, 'championship': 8.214896782590138, 'championships': 9.313509071258247, 'champs': 9.942117730680621, 'chance': 3.618655227346347, 'chances': 5.885994381278718, 'change': 3.707952133042898, 'changed': 5.693622488631262, 'changer': 7.406438755519197, 'changers': 7.996207581625308, 'changes': 5.191765534848032, 'changing': 4.646930257141512, 'channel': 6.460877641344929, 'channeled': 9.313509071258247, 'channeling': 8.763462734338976, 'channels': 9.077120293194016, 'chant': 7.80205156718435, 'chanting': 9.45660991489892, 'chants': 8.466211210871043, 'chaos': 6.839775722068372, 'chaotic': 7.386830284130821, 'chapped': 10.075649123305144, 'chapstick': 10.075649123305144, 'chapter': 5.670673555645717, 'chapters': 8.070315553779029, 'character': 4.983653308913275, 'characteristic': 8.237369638442196, 'characteristics': 6.74855971379671, 'characterization': 8.763462734338976, 'characterized': 8.58757206787531, 'characters': 5.075545281261229, 'charcoal': 9.18834592830424, 'chard': 10.075649123305144, 'charge': 5.417615447759984, 'charged': 6.660267106651031, 'charger': 8.150358261452567, 'chargers': 8.032575225796183, 'charges': 9.623663999562087, 'charging': 6.317776797704256, 'charismatic': 7.521749602030192, 'charitable': 9.18834592830424, 'charities': 9.077120293194016, 'charity': 8.654263442373983, 'charles': 8.93051681900214, 'charleston': 7.910685408187145, 'charlie': 9.131187514464292, 'charlotte': 7.652111419893435, 'charm': 8.886065056431306, 'charming': 8.214896782590138, 'chart': 5.553860546256103, 'charted': 10.075649123305144, 'charter': 5.002262618645412, 'charting': 9.18834592830424, 'charts': 5.487770434427113, 'chase': 8.38397311263407, 'chasing': 8.525051710893976, 'chat': 7.910685408187145, 'chats': 9.71897417936641, 'chatter': 8.620361890698302, 'chatterpix': 9.45660991489892, 'chatting': 9.025826998806465, 'chatty': 8.802683447492257, 'chavez': 9.248970550120676, 'cheap': 7.499770695311416, 'cheaper': 8.237369638442196, 'cheapest': 9.382501942745199, 'cheating': 10.075649123305144, 'check': 4.995132463660822, 'checkbook': 9.45660991489892, 'checkbooks': 9.71897417936641, 'checked': 7.267969081254092, 'checkers': 8.977036834637033, 'checking': 6.664972997688444, 'checklist': 9.077120293194016, 'checklists': 10.075649123305144, 'checkout': 7.862676189000785, 'checks': 7.84717200246482, 'cheer': 6.7851173095305075, 'cheered': 9.248970550120676, 'cheerful': 7.499770695311416, 'cheerfully': 9.824334695024238, 'cheering': 8.12973897424983, 'cheerleader': 8.84350544201251, 'cheerleaders': 8.35799762623081, 'cheerleading': 8.33267981824652, 'cheers': 8.33267981824652, 'cheery': 9.45660991489892, 'cheese': 8.689354762185253, 'cheetah': 10.075649123305144, 'cheetos': 9.942117730680621, 'cheez': 9.942117730680621, 'chef': 8.38397311263407, 'chefs': 8.237369638442196, 'chemical': 7.108904386624405, 'chemicals': 7.677753850506773, 'chemist': 9.942117730680621, 'chemistry': 6.412087477175497, 'chemists': 10.075649123305144, 'cherish': 7.457211080892621, 'cherished': 8.08973363963613, 'cherokee': 9.71897417936641, 'cherry': 9.248970550120676, 'chess': 7.6271101176880185, 'chest': 7.910685408187145, 'chests': 10.075649123305144, 'chevron': 8.525051710893976, 'chew': 8.654263442373983, 'chewable': 10.075649123305144, 'chewing': 9.025826998806465, 'chewy': 9.623663999562087, 'chicago': 5.728139993513976, 'chicagoland': 10.075649123305144, 'chick': 8.654263442373983, 'chicka': 10.075649123305144, 'chicken': 7.961116261814038, 'chickens': 8.032575225796183, 'chicks': 7.894424887315365, 'chief': 9.942117730680621, 'child': 3.2384696005643607, 'childcare': 8.977036834637033, 'childen': 10.075649123305144, 'childhood': 5.452077851946161, 'childhoods': 10.075649123305144, 'childish': 9.824334695024238, 'children': 2.4111684249776086, 'childrens': 8.725722406356127, 'childs': 9.382501942745199, 'chile': 9.45660991489892, 'chill': 8.725722406356127, 'chilly': 9.623663999562087, 'chilton': 10.075649123305144, 'chime': 9.248970550120676, 'chimed': 10.075649123305144, 'chimes': 9.131187514464292, 'chin': 9.824334695024238, 'china': 6.856773298436943, 'chinatown': 9.025826998806465, 'chinese': 6.583479963437261, 'chip': 8.58757206787531, 'chipped': 9.313509071258247, 'chips': 7.16952900844084, 'chocolate': 8.070315553779029, 'choice': 3.979181267187177, 'choices': 4.159832194536476, 'choir': 6.952655070140225, 'choirs': 9.536652622572456, 'chomebooks':

9.248970550120676, 'chomping': 9.623663999562087, 'choose': 3.55124806684435, 'chooses': 8.192917875871363, 'choosing': 5.76580923060709, 'chop': 9.942117730680621, 'chopping': 9.942117730680621, 'choral': 7.910685408187145, 'chord': 8.93051681900214, 'chords': 8.237369638442196, 'chore': 7.717494179156287, 'choreographed': 10.075649123305144, 'choreography': 8.763462734338976, 'chores': 8.38397311263407, 'chorus': 7.57890801587014, 'chose': 5.715283985412441, 'chosen': 5.151505860562331, 'chris': 9.45660991489892, 'christa': 9.942117730680621, 'christian': 9.942117730680621, 'christmas': 7.396586459076186, 'christopher': 9.623663999562087, 'chrombooks': 9.131187514464292, 'chrome': 5.440920135075507, 'chromebook': 5.090087466761004, 'chromebooks': 3.949403964172207, 'chromecast': 9.248970550120676, 'chronic': 8.171411670650398, 'chronically': 8.55582336956073, 'chronicle': 9.313509071258247, 'chronological': 9.824334695024238, 'chrysalis': 9.45660991489892, 'chrysalises': 10.075649123305144, 'chs': 9.824334695024238, 'chubby': 9.824334695024238, 'chula': 9.824334695024238, 'chunk': 8.689354762185253, 'chunks': 8.763462734338976, 'church': 7.910685408187145, 'churches': 8.28388965407709, 'churning': 9.942117730680621, 'chutes': 9.71897417936641, 'chuukese': 10.075649123305144, 'cincinnati': 9.077120293194016, 'cinco': 9.824334695024238, 'cinderella': 9.623663999562087, 'cinematography': 9.71897417936641, 'circle': 5.8816747201342015, 'circles': 6.351678349379937, 'circuit': 7.108904386624405, 'circuitry': 8.35799762623081, 'circuits': 6.553499131225325, 'circular': 9.077120293194016, 'circulate': 8.763462734338976, 'circulated': 9.71897417936641, 'circulating': 9.536652622572456, 'circulation': 7.758879395319141, 'circulatory': 9.248970550120676, 'circumstance': 7.996207581625308, 'circumstances': 5.1299333753082035, 'circus': 9.025826998806465, 'cisneros': 9.824334695024238, 'cite': 8.495198747744295, 'cited': 9.824334695024238, 'cities': 6.5284978290199085, 'citing': 8.689354762185253, 'citizen': 7.087085339229765, 'citizens': 4.818153751277362, 'citizenship': 6.70835329331867, 'citrus': 9.942117730680621, 'city': 3.508374102341758, 'citywide': 9.025826998806465, 'civic': 7.84717200246482, 'civics': 8.620361890698302, 'civil': 7.1540248219048745, 'civilian': 9.824334695024238, 'civility': 10.075649123305144, 'civilization': 8.35799762623081, 'civilizations': 7.731099831212066, 'claim': 7.80205156718435, 'claimed': 9.824334695024238, 'claims': 8.192917875871363, 'clam': 9.45660991489892, 'clamor': 10.075649123305144, 'clamoring': 9.18834592830424, 'clamps': 9.536652622572456, 'clap': 9.18834592830424, 'clapping': 8.93051681900214, 'clarification': 9.536652622572456, 'clarify': 8.260359156666894, 'clarifying': 10.075649123305144, 'clarinet': 7.996207581625308, 'clarinets': 8.689354762185253, 'clarity': 8.08973363963613, 'clark': 8.33267981824652, 'clash': 10.075649123305144, 'class': 1.880157789606669, 'classdojo': 8.654263442373983, 'classes': 3.4380167004026854, 'classic': 6.25950788958028, 'classical': 7.6395326376865755, 'classics': 7.0943055872032525, 'classification': 8.12973897424983, 'classifications': 9.248970550120676, 'classified': 6.007844116317655, 'classify': 8.214896782590138, 'classifying': 9.131187514464292, 'classmate': 7.242435779248927, 'classmates': 4.71368649159675, 'classrom': 9.536652622572456, 'classroom': 1.396944652757426, 'classroomnannan': 9.536652622572456, 'classrooms': 3.739582213942698, 'classsroom': 9.942117730680621, 'classtime': 10.075649123305144, 'classwork': 6.0477496604911956, 'classworks': 10.075649123305144, 'clay': 6.408431165972386, 'claymation': 9.824334695024238, 'clean': 4.983653308913275, 'cleaned': 7.758879395319141, 'cleaner': 7.457211080892621, 'cleaners': 7.910685408187145, 'cleaning': 6.45321476859936, 'cleanliness': 8.35799762623081, 'cleans': 9.942117730680621, 'cleanup': 8.84350544201251, 'clear': 5.6499474251286, 'cleared': 9.45660991489892, 'clearer': 8.171411670650398, 'clearing': 9.71897417936641, 'clearinghouse': 9.942117730680621, 'clearly': 5.978926438678076, 'cleats': 9.313509071258247, 'clements': 9.942117730680621, 'cleveland': 8.08973363963613, 'clever': 5.894690088246272, 'cliche': 9.623663999562087, 'click': 7.377168373219084, 'clicker': 9.313509071258247, 'clickers': 8.886065056431306, 'clicking': 8.725722406356127, 'clicks': 8.763462734338976, 'client': 9.824334695024238, 'clientele': 10.075649123305144, 'clients': 10.075649123305144, 'cliff': 9.623663999562087, 'clifford': 9.382501942745199, 'climate': 6.281766360181223, 'climates': 9.71897417936641, 'climax': 9.824334695024238, 'climb': 7.20127770675542, 'climbed': 9.942117730680621, 'climbing': 7.787452767763197, 'cling': 10.075649123305144, 'clinic': 8.28388965407709, 'clinical': 9.536652622572456, 'clinics': 9.382501942745199, 'clinton': 9.824334695024238, 'clip': 7.116284493922027, 'clipboard': 7.339428045236237, 'clipboards': 6.301247495753045, 'clips': 6.655583257338606, 'cliques': 10.075649123305144, 'clock': 7.436591793689885, 'clocks': 8.014226087127986, 'clone': 10.075649123305144, 'clorox': 7.787452767763197, 'close': 4.246703505694937, 'closed': 7.234067529578411, 'closely': 6.412087477175497, 'closeness': 9.71897417936641, 'closer': 5.750570840502157, 'closes': 9.536652622572456, 'closest': 8.032575225796183, 'closet': 7.20127770675542, 'closets': 9.077120293194016, 'closing': 6.72324190581242, 'closure': 9.248970550120676, 'cloth': 9.077120293194016, 'clothe': 9.942117730680621, 'clothed': 9.824334695024238, 'clothes': 5.845692002254696, 'clothing': 5.916766039945472, 'cloths': 9.131187514464292, 'cloud': 7.294171453648116, 'clouds': 8.977036834637033, 'cloudy': 10.075649123305144, 'clover': 9.71897417936641, 'clown': 9.623663999562087, 'club': 5.007643797549929, 'clubs': 5.791077824781975, 'clue': 8.307987205656149, 'clues': 6.885760835310195, 'clumsy': 9.623663999562087, 'clunky': 9.45660991489892, 'cluster': 7.787452767763197, 'clustered': 9.824334695024238, 'clusters': 8.84350544201251, 'clutter': 7.590742473517143, 'cluttered': 8.725722406356127, 'cluttering': 10.075649123305144, 'cnn': 9.45660991489892, 'co': 5.661985403688079, 'co2': 9.942117730680621, 'coach': 6.163626117876998, 'coached': 9.131187514464292, 'coaches': 7.079916849751153, 'coaching': 7.416389086372366, 'coal': 8.109536266693231, 'coalition': 10.075649123305144, 'coast': 7.330211390131313, 'coastal': 8.08973363963613, 'coaster': 7.84717200246482, 'coasters': 8.260359156666894, 'coastline': 10.075649123305144, 'coat': 7.787452767763197, 'coated': 9.71897417936641, 'coats': 7.348730437898551, 'coax': 10.075649123305144, 'cochlear': 9.71897417936641, 'coconut': 9.824334695024238, 'cocoon': 10.075649123305144, 'cod': 9.942117730680621, 'code': 5.071702817359684, 'coded': 7.065732214759196, 'coders': 8.55582336956073, 'codes':

6.500098354498211, 'coding': 4.704346864000618, 'coed': 9.71897417936641, 'coerced': 9.942117730680621, 'coexist': 9.71897417936641, 'coffee': 7.031126685581721, 'cognition': 8.192917875871363, 'cognitive': 5.40415629438598, 'cognitively': 7.862676189000785, 'cognizant': 9.45660991489892, 'coherent': 9.824334695024238, 'cohesion': 9.623663999562087, 'cohesive': 7.717494179156287, 'cohort': 8.171411670650398, 'coil': 9.248970550120676, 'coils': 10.075649123305144, 'coin': 8.763462734338976, 'coincide': 8.55582336956073, 'coins': 7.614840025096203, 'cold': 5.84777316845852, 'colder': 9.71897417936641, 'colds': 8.93051681900214, 'colin': 10.075649123305144, 'collaborate': 4.414177846720666, 'collaborated': 8.93051681900214, 'collaborating': 5.810959195335804, 'collaboration': 4.43222344918984, 'collaborations': 9.025826998806465, 'collaborative': 4.775191192257996, 'collaboratively': 5.173553997784094, 'collaborators': 7.57890801587014, 'collage': 7.499770695311416, 'collages': 8.09973363963613, 'collapse': 9.45660991489892, 'collar': 7.348730437898551, 'colleague': 7.878424545968924, 'colleagues': 6.834173466519702, 'collect': 5.9462132412717725, 'collected': 6.95896423933349, 'collecting': 6.909571484003914, 'collection': 5.350792951514583, 'collections': 7.744893153344401, 'collective': 7.602718664563859, 'collectively': 8.150358261452567, 'collects': 9.623663999562087, 'college': 3.7851387450950655, 'colleges': 6.688840479095088, 'collegiate': 8.466211210871043, 'collide': 10.075649123305144, 'collins': 9.382501942745199, 'colombia': 9.077120293194016, 'colonial': 8.763462734338976, 'colonies': 9.131187514464292, 'colonists': 10.075649123305144, 'colony': 9.025826998806465, 'color': 4.450600689191447, 'colorado': 7.57890801587014, 'colored': 5.119822065703882, 'colorful': 4.958511108972285, 'colorfully': 9.942117730680621, 'coloring': 6.660267106651031, 'colors': 5.184226457674866, 'columbia': 8.12973897424983, 'columbus': 8.38397311263407, 'column': 9.313509071258247, 'columns': 9.382501942745199, 'com': 6.358598792224511, 'comb': 9.45660991489892, 'combat': 7.285360823965961, 'combination': 6.042673507459335, 'combinations': 7.961116261814038, 'combine': 6.240815756568128, 'combined': 6.2658170587735444, 'combines': 7.348730437898551, 'combing': 9.623663999562087, 'combining': 6.9156137984598764, 'combo': 8.171411670650398, 'combos': 9.71897417936641, 'combs': 9.45660991489892, 'come': 1.7305669370931573, 'comeback': 9.824334695024238, 'comedians': 9.313509071258247, 'comedy': 9.942117730680621, 'comers': 8.763462734338976, 'comes': 4.020204246533755, 'comet': 9.623663999562087, 'comfort': 5.212519966317477, 'comfortable': 3.5095796479971066, 'comfortably': 5.638052637476451, 'comforted': 9.313509071258247, 'comforting': 7.567211976106949, 'comforts': 8.654263442373983, 'comfy': 5.76580923060709, 'comic': 7.225768726763715, 'comical': 9.536652622572456, 'comics': 7.406438755519197, 'coming': 3.660318382718106, 'comings': 10.075649123305144, 'command': 7.927214710138356, 'commanding': 9.71897417936641, 'commands': 7.744893153344401, 'commendable': 9.71897417936641, 'comment': 7.521749602030192, 'commentary': 10.075649123305144, 'commented': 8.410641359716232, 'comments': 7.276627143997207, 'commerce': 9.71897417936641, 'commercial': 7.862676189000785, 'commercials': 8.192917875871363, 'commit': 7.910685408187145, 'commitment': 6.275356081820304, 'commitments': 9.313509071258247, 'committed': 5.523277122884023, 'committee': 8.58757206787531, 'committees': 9.824334695024238, 'committing': 9.313509071258247, 'commodities': 9.942117730680621, 'commodity': 8.438040333904347, 'common': 3.985632902468666, 'commonalities': 9.131187514464292, 'commonality': 7.9785080045259065, 'commonly': 7.521749602030192, 'commonplace': 8.886065056431306, 'commons': 8.725722406356127, 'commotion': 10.075649123305144, 'communal': 8.93051681900214, 'communicable': 10.075649123305144, 'communicate': 4.704346864000618, 'communicated': 9.131187514464292, 'communicates': 9.248970550120676, 'communicating': 6.237734090030719, 'communication': 4.356274553889106, 'communications': 7.996207581625308, 'communicative': 8.495198747744295, 'communicator': 9.71897417936641, 'communicators': 7.367598922202934, 'communities': 5.172492989726999, 'community': 2.518549286421454, 'commute': 8.09973363963613, 'commutes': 9.623663999562087, 'commuting': 9.131187514464292, 'compact': 8.237369638442196, 'companies': 7.436591793689885, 'companion': 9.025826998806465, 'companions': 9.824334695024238, 'company': 7.294171453648116, 'comparable': 8.620361890698302, 'comparative': 9.131187514464292, 'compare': 5.76580923060709, 'compared': 6.457038865037763, 'compares': 9.131187514464292, 'comparing': 6.774535200199971, 'comparison': 7.787452767763197, 'comparisons': 8.620361890698302, 'compartment': 9.536652622572456, 'compartments': 9.077120293194016, 'compass': 7.816866652969491, 'compasses': 8.620361890698302, 'compassion': 6.060553932737183, 'compassionate': 5.950821544357967, 'compatible': 7.555651153705873, 'compelled': 8.886065056431306, 'compelling': 7.84717200246482, 'compensate': 8.763462734338976, 'compete': 5.251917295507954, 'competed': 8.93051681900214, 'competence': 8.171411670650398, 'competencies': 8.725722406356127, 'competency': 7.602718664563859, 'competent': 7.386830284130821, 'competes': 9.536652622572456, 'competing': 6.891660557437383, 'competition': 5.837410381422973, 'competitions': 6.268986633534824, 'competitive': 5.636364873362731, 'competitively': 9.131187514464292, 'competitiveness': 9.71897417936641, 'competitors': 8.495198747744295, 'compile': 8.032575225796183, 'compiled': 8.237369638442196, 'compiling': 9.313509071258247, 'complain': 6.851075277322305, 'complained': 8.620361890698302, 'complaining': 7.961116261814038, 'complaint': 8.438040333904347, 'complaints': 8.725722406356127, 'complement': 7.787452767763197, 'complementary': 9.71897417936641, 'complete': 3.5217157192793325, 'completed': 5.563220989015667, 'completely': 5.427145812610679, 'completes': 8.38397311263407, 'completing': 4.955092302223498, 'completion': 6.655583257338606, 'complex': 5.278678636568554, 'complexes': 8.260359156666894, 'complexities': 8.654263442373983, 'complexity': 7.602718664563859, 'compliance': 9.536652622572456, 'compliant': 9.942117730680621, 'complicated': 6.94638545712663, 'complicates': 10.075649123305144, 'complications': 9.536652622572456, 'compliment': 7.416389086372366, 'complimented': 9.71897417936641, 'complimenting': 9.71897417936641, 'compliments': 8.55582336956073, 'comply': 9.025826998806465, 'component': 5.577428015660017, 'components': 5.93478454544815, 'compose': 6.97170326511092, 'composed': 6.321115698969771, 'composer': 8.725722406356127, 'composers': 8.438040333904347, 'composing': 7.717494179156287, 'composite': 9.824334695024238, 'composition': 6.231599101463203, 'compositions': 7.744893153344401, 'compost': 7.787452767763197, 'composter': 9.536652622572456, 'composting': 7.996207581625308, 'composure': 10.075649123305144, 'compound': 8.525051710893976, 'compounded': 9.025826998806465, 'compounds':

8.977036834637033, 'comprehend': 5.802959152668728, 'comprehending': 7.161746867998785, 'comprehensible': 8.763462734338976, 'comprehension': 4.073173987248557, 'comprehensions': 10.075649123305144, 'comprehensive': 6.834173466519702, 'compression': 9.131187514464292, 'compressor': 10.075649123305144, 'comprise': 8.58757206787531, 'comprised': 5.406683672156696, 'comprises': 9.025826998806465, 'compromise': 8.237369638442196, 'compromised': 9.025826998806465, 'compromising': 9.45660991489892, 'compton': 9.45660991489892, 'computation': 7.744893153344401, 'computational': 8.10953626693231, 'computations': 8.55582336956073, 'compute': 8.466211210871043, 'computer': 3.5313262625270028, 'computerized': 7.84717200246482, 'computers': 3.7982003728811984, 'computing': 7.57890801587014, 'comradery': 10.075649123305144, 'con': 9.824334695024238, 'conceive': 9.942117730680621, 'conceived': 9.71897417936641, 'concentrate': 5.162994237569092, 'concentrated': 8.58757206787531, 'concentrating': 7.0943055872032525, 'concentration': 5.6989940324331725, 'concentrations': 9.382501942745199, 'concept': 5.047080361335412, 'concepts': 3.56135980246434, 'conceptual': 7.234067529578411, 'conceptualize': 8.55582336956073, 'conceptually': 9.18834592830424, 'concern': 6.664972997688444, 'concerned': 6.94638545712663, 'concerning': 8.192917875871363, 'concerns': 6.718254364301381, 'concert': 6.874064795547004, 'concerted': 9.71897417936641, 'concerts': 7.138757349774086, 'concise': 8.84350544201251, 'conclude': 8.525051710893976, 'concluded': 9.025826998806465, 'concludes': 9.824334695024238, 'concluding': 9.18834592830424, 'conclusion': 7.416389086372366, 'conclusions': 7.1540248219048745, 'concrete': 5.477647426795665, 'concretely': 8.802683447492257, 'concur': 10.075649123305144, 'concurrent': 10.075649123305144, 'condition': 6.553499131225325, 'conditioned': 9.077120293194016, 'conditioner': 8.28388965407709, 'conditioners': 9.71897417936641, 'conditioning': 7.555651153705873, 'conditions': 5.89906646284607, 'condominiums': 10.075649123305144, 'conducive': 5.760067588039415, 'conduct': 5.375168757512728, 'conducted': 7.544222457882251, 'conducting': 6.646280864676291, 'conductive': 9.248970550120676, 'conductivity': 9.382501942745199, 'conductor': 9.536652622572456, 'conductors': 9.45660991489892, 'conducts': 9.824334695024238, 'conduit': 10.075649123305144, 'condusive': 10.075649123305144, 'cone': 8.495198747744295, 'cones': 7.367598922202934, 'confer': 9.313509071258247, 'conference': 6.952655070140225, 'conferences': 7.131210144138703, 'conferencing': 8.307987205656149, 'conferring': 9.824334695024238, 'confess': 9.942117730680621, 'confetti': 9.942117730680621, 'confidant': 9.077120293194016, 'confide': 9.942117730680621, 'confidence': 4.051509967384321, 'confident': 4.818153751277362, 'confidential': 9.131187514464292, 'confidentiality': 9.942117730680621, 'confidently': 7.787452767763197, 'configuration': 9.536652622572456, 'configurations': 9.248970550120676, 'configure': 9.942117730680621, 'confine': 9.45660991489892, 'confined': 7.024346998596342, 'confinement': 9.824334695024238, 'confines': 8.35799762623081, 'confining': 9.313509071258247, 'confirm': 9.18834592830424, 'confirmation': 10.075649123305144, 'confirmed': 9.942117730680621, 'confirms': 9.025826998806465, 'conflict': 7.051745972784456, 'conflicts': 7.446848293857074, 'conform': 8.802683447492257, 'conforming': 9.623663999562087, 'confront': 8.977036834637033, 'confronted': 8.620361890698302, 'confucius': 9.248970550120676, 'confuse': 9.536652622572456, 'confused': 7.704071158824147, 'confusing': 7.80205156718435, 'confusion': 7.758879395319141, 'congo': 8.307987205656149, 'congratulate': 9.623663999562087, 'congratulating': 10.075649123305144, 'congress': 9.824334695024238, 'congressional': 7.488959779207201, 'conjunction': 6.897559292957198, 'connect': 4.524352049157139, 'connected': 5.775452506878894, 'connectedness': 9.536652622572456, 'connecticut': 7.690825932074126, 'connecting': 6.149441482885041, 'connection': 5.29532587000171, 'connections': 4.667836941960825, 'connectivity': 8.438040333904347, 'connector': 9.536652622572456, 'connectors': 8.689354762185253, 'connects': 6.903565459943701, 'conquer': 6.801203447282132, 'conquered': 9.942117730680621, 'conquering': 9.131187514464292, 'cons': 9.623663999562087, 'conscience': 9.382501942745199, 'conscientious': 8.55582336956073, 'conscious': 7.1773721859018655, 'consciousness': 8.886065056431306, 'consecutive': 8.525051710893976, 'consensus': 9.623663999562087, 'consequence': 9.18834592830424, 'consequences': 7.544222457882251, 'consequently': 7.532922902628317, 'conservation': 7.386830284130821, 'conservative': 9.824334695024238, 'conserve': 8.171411670650398, 'conserving': 9.824334695024238, 'consider': 4.898692613761375, 'considerable': 7.878424545968924, 'considerably': 8.977036834637033, 'considerate': 7.894424887315365, 'consideration': 5.849858674949542, 'considerations': 9.18834592830424, 'considered': 4.8740000011710025, 'considering': 5.447879105399811, 'considers': 9.45660991489892, 'consist': 5.948514738260052, 'consisted': 8.689354762185253, 'consistency': 6.7332922416659216, 'consistent': 5.912311689596091, 'consistently': 5.746797251118518, 'consisting': 7.051745972784456, 'consists': 4.714356957595719, 'console': 7.567211976106949, 'consoles': 9.248970550120676, 'consolidated': 8.802683447492257, 'consolidation': 9.942117730680621, 'consonant': 9.18834592830424, 'consonants': 9.382501942745199, 'consortium': 9.942117730680621, 'constant': 5.151505860562331, 'constantly': 3.992126431779214, 'constants': 9.942117730680621, 'constellation': 9.71897417936641, 'constellations': 9.623663999562087, 'constitutes': 10.075649123305144, 'constitution': 9.313509071258247, 'constrained': 9.536652622572456, 'constraint': 9.824334695024238, 'constraints': 6.879895715857797, 'construct': 6.0502974325699945, 'constructed': 7.894424887315365, 'constructing': 7.193245535058156, 'construction': 5.735561177851592, 'constructions': 8.977036834637033, 'constructive': 7.330211390131313, 'constructively': 8.93051681900214, 'constructivist': 10.075649123305144, 'constructs': 9.824334695024238, 'consultant': 9.45660991489892, 'consumable': 7.6395326376865755, 'consumables': 8.763462734338976, 'consume': 7.816866652969491, 'consumed': 8.802683447492257, 'consumer': 7.878424545968924, 'consumers': 7.532922902628317, 'consumes': 9.942117730680621, 'consuming': 7.185277365408979, 'consumption': 8.38397311263407, 'contact': 6.806623514751471, 'contacted': 9.942117730680621, 'contagious': 6.397541766173118, 'contain': 6.362077056600835, 'contained': 5.453481360948481, 'container': 7.862676189000785, 'containers': 6.74855971379671, 'containing': 7.614840025096203, 'contains': 6.337979505021775, 'contaminants': 10.075649123305144, 'contaminated': 9.13118751446429
2, 'contamination': 9.313509071258247, 'contemplate': 9.71897417936641, 'contemplating': 10.075649123305144, 'contemporary': 7.426439422225867, 'contend': 8.802683447492257, 'contenders': 10.075649123305144, 'content':

4.075295628779916, 'contentment': 9.824334695024238, 'contents': 7.744893153344401, 'contest': 7.717494179156287, 'contests': 7.961116261814038, 'context': 6.412087477175497, 'contexts': 8.237369638442196, 'contextual': 9.824334695024238, 'continent': 8.58757206787531, 'continental': 10.075649123305144, 'continents': 7.8319045303340316, 'continual': 7.894424887315365, 'continually': 5.9439170290114225, 'continuation': 8.55582336956073, 'continue': 3.3672162427969856, 'continued': 6.29471152477326, 'continues': 6.089314084912446, 'continuing': 6.118925938959091, 'continuity': 9.313509071258247, 'continuous': 7.03795265065212, 'continuously': 6.169356792585982, 'continuum': 8.886065056431306, 'contour': 10.075649123305144, 'contract': 8.977036834637033, 'contraption': 9.824334695024238, 'contraptions': 9.313509071258247, 'contrary': 9.18834592830424, 'contrast': 6.758869083455571, 'contrasting': 8.28388965407709, 'contrasts': 10.075649123305144, 'contribute': 5.492140434098231, 'contributed': 8.38397311263407, 'contributes': 7.303060401065363, 'contributing': 6.288217995462711, 'contribution': 6.390347490539091, 'contributions': 6.885760835310195, 'contributor': 9.623663999562087, 'contributors': 7.614840025096203, 'control': 4.380955445966823, 'controllable': 10.075649123305144, 'controlled': 6.94638545712663, 'controller': 9.623663999562087, 'controllers': 9.025826998806465, 'controlling': 7.787452767763197, 'controls': 8.654263442373983, 'controversial': 9.18834592830424, 'convection': 9.623663999562087, 'convenience': 8.35799762623081, 'convenient': 7.467682380759916, 'conveniently': 9.025826998806465, 'convention': 9.248970550120676, 'conventional': 7.744893153344401, 'conventions': 8.466211210871043, 'converge': 10.075649123305144, 'conversation': 6.141026285959756, 'conversational': 8.620361890698302, 'conversationalists': 10.075649123305144, 'conversations': 5.493601354737907, 'converse': 8.214896782590138, 'conversing': 9.077120293194016, 'conversion': 9.382501942745199, 'conversions': 9.824334695024238, 'convert': 7.944021828454737, 'converted': 8.38397311263407, 'converting': 9.077120293194016, 'converts': 9.942117730680621, 'convex': 8.051267358808335, 'convey': 7.731099831212066, 'conveys': 9.71897417936641, 'conviction': 9.536652622572456, 'convince': 7.9785080045259065, 'convinced': 7.8626676189000785, 'convincing': 9.025826998806465, 'cook': 6.566238157002755, 'cookbook': 9.025826998806465, 'cookbooks': 9.248970550120676, 'cooked': 9.131187514464292, 'cooker': 9.623663999562087, 'cookie': 8.12973897424983, 'cookies': 7.677753850506773, 'cooking': 6.2658170587735444, 'cooks': 8.886065056431306, 'cool': 5.639743254954358, 'cooler': 8.237369638442196, 'coolers': 9.623663999562087, 'coolest': 8.33267981824652, 'cooley': 10.075649123305144, 'cooling': 9.025826998806465, 'coolmath': 10.075649123305144, 'coop': 9.45660991489892, 'cooped': 9.382501942745199, 'cooperate': 7.131210144138703, 'cooperating': 8.466211210871043, 'cooperation': 6.124405404723716, 'cooperative': 5.3407045935702415, 'cooperatively': 6.16648735015803, 'coordinate': 7.84717200246482, 'coordinated': 8.977036834637033, 'coordinates': 9.942117730680621, 'coordinating': 9.536652622572456, 'coordination': 5.877373638234811, 'coordinator': 8.08973363963613, 'cope': 6.9156137984598764, 'copied': 8.725722406356127, 'copier': 7.731099831212066, 'copies': 5.35460247993125, 'coping': 6.845409539786628, 'copious': 10.075649123305144, 'copper': 8.654263442373983, 'copy': 5.333204558413695, 'copying': 8.032575225796183, 'copyright': 9.71897417936641, 'coral': 8.763462734338976, 'cord': 8.014226087127986, 'cordless': 9.536652622572456, 'cords': 7.0176129664149975, 'core': 3.918972846969667, 'cores': 8.55582336956073, 'cork': 9.131187514464292, 'corn': 8.28388965407709, 'cornell': 9.025826998806465, 'corner': 5.767730460784984, 'corners': 7.57890801587014, 'cornerstone': 8.10953626693231, 'cornerstones': 9.382501942745199, 'corp': 9.71897417936641, 'corporate': 9.077120293194016, 'corporation': 8.38397311263407, 'corporations': 9.131187514464292, 'corps': 9.623663999562087, 'corral': 10.075649123305144, 'correct': 5.506846581487927, 'corrected': 9.536652622572456, 'correcting': 8.35799762623081, 'correction': 9.313509071258247, 'correctional': 9.824334695024238, 'corrections': 8.10953626693231, 'corrective': 9.71897417936641, 'correctly': 6.213416782380013, 'corrects': 9.942117730680621, 'correlate': 7.377168373219084, 'correlated': 8.466211210871043, 'correlates': 8.35799762623081, 'correlating': 9.536652622572456, 'correlation': 7.787452767763197, 'correlations': 9.45660991489892, 'correspond': 8.410641359716232, 'correspondence': 7.758879395319141, 'corresponding': 7.773064030311097, 'corresponds': 9.382501942745199, 'corridor': 9.313509071258247, 'corroborate': 10.075649123305144, 'cortex': 9.942117730680621, 'cosmic': 9.313509071258247, 'cost': 5.613030481300958, 'costa': 9.382501942745199, 'costing': 9.623663999562087, 'costly': 7.285360823965961, 'costs': 6.984606669946827, 'costume': 8.070315553779029, 'costumes': 7.065732214759196, 'cots': 9.536652622572456, 'cottage': 9.942117730680621, 'cotton': 8.654263442373983, 'couch': 6.583479963437261, 'couches': 8.10953626693231, 'cougar': 10.075649123305144, 'coughing': 9.942117730680621, 'coughs': 9.942117730680621, 'could': 3.3091282988837185, 'council': 7.744893153344401, 'counseling': 6.933962937128073, 'counselor': 6.72324190581242, 'counselors': 7.878424545968924, 'count': 5.524784282174594, 'countdown': 9.71897417936641, 'counted': 8.93051681900214, 'counter': 7.652111419893435, 'counteract': 10.075649123305144, 'counterpart': 9.382501942745199, 'counterparts': 7.664850445670865, 'counters': 7.146361949159306, 'counties': 7.744893153344401, 'counting': 5.454866842557216, 'countless': 6.304531570954235, 'countries': 4.815924095950093, 'country': 4.592038429573995, 'countryside': 10.075649123305144, 'counts': 7.234067529578411, 'county': 4.954239423706982, 'couple': 5.632997866814827, 'coupled': 7.467682380759916, 'coupon': 9.942117730680621, 'coupons': 9.248970550120676, 'courage': 6.927809071553694, 'courageous': 7.436591793689885, 'couros': 10.075649123305144, 'course': 4.64944124402267, 'courses': 5.781283427189687, 'coursework': 7.927214710138356, 'court': 6.9911213509680215, 'courteous': 8.93051681900214, 'courtesy': 10.075649123305144, 'courts': 8.689354762185253, 'courtyard': 8.33267981824652, 'cousin': 9.18834592830424, 'cousins': 8.307987205656149, 'cover': 5.438150050201692, 'coverage': 9.536652622572456, 'covered': 6.390347490539091, 'covering': 7.024346998596342, 'covers': 6.007844116317655, 'coveted': 8.689354762185253, 'covey': 8.495198747744295, 'covina': 10.075649123305144, 'cow': 8.886065056431306, 'cowboy': 10.075649123305144, 'coworker': 9.71897417936641, 'coworkers': 8.654263442373983, 'cows': 8.977036834637033, 'coyote': 10.075649123305144, 'cozy':

9.0012001120101001, 'coma': 0.9770000100100, 'cojoeo': 10.0100001200011111, 'coly':
5.758161009768833, 'cp': 9.623663999562087, 'cpr': 9.313509071258247, 'cps': 8.689354762185253,
'crab': 9.536652622572456, 'crabs': 9.077120293194016, 'crack': 8.438040333904347, 'cracked':
7.944021828454737, 'crackers': 7.567211976106949, 'cracking': 8.93051681900214, 'cracks':
7.758879395319141, 'cradle': 10.075649123305144, 'craft': 6.040145061105976, 'crafted':
8.237369638442196, 'crafting': 8.032575225796183, 'crafts': 6.596609254879054, 'craftsmanship': 8.
495198747744295, 'crafty': 8.977036834637033, 'cram': 9.71897417936641, 'crammed':
8.802683447492257, 'cramped': 7.961116261814038, 'crank': 9.18834592830424, 'cranky':
9.942117730680621, 'crash': 8.33267981824652, 'crashes': 9.71897417936641, 'crashing':
9.18834592830424, 'crate': 7.521749602030192, 'crates': 7.467682380759916, 'crave':
5.667189231563106, 'craves': 9.18834592830424, 'craving': 7.294171453648116, 'crawl':
8.58757206787531, 'crawling': 9.077120293194016, 'crayola': 8.35799762623081, 'crayon':
7.499770695311416, 'crayons': 5.445089703312233, 'craze': 8.886065056431306, 'craziest':
9.942117730680621, 'craziness': 9.536652622572456, 'crazy': 6.623396570842704, 'cream':
7.758879395319141, 'creat': 9.71897417936641, 'create': 2.436625455943197, 'created':
4.483596612592249, 'creates': 5.265790350376202, 'creating': 3.4676484980090567, 'creation':
5.86035195066538, 'creations': 5.864580286774902, 'creative': 3.0010485726685503, 'creatively': 5.
810959195335804, 'creativeness': 8.977036834637033, 'creativity': 3.837603555055503, 'creator':
8.33267981824652, 'creators': 6.637064209571368, 'creature': 8.58757206787531, 'creatures':
7.457211080892621, 'credentialed': 9.248970550120676, 'credentials': 10.075649123305144,
'credibility': 9.313509071258247, 'credible': 8.802683447492257, 'credit': 6.79045065550587,
'credited': 10.075649123305144, 'credits': 7.664850445670865, 'creed': 9.025826998806465, 'creek':
8.032575225796183, 'creeks': 9.824334695024238, 'creole': 8.192917875871363, 'crew':
7.276627143997207, 'crews': 9.71897417936641, 'cricket': 9.824334695024238, 'cricut':
7.9785080045259065, 'cried': 9.536652622572456, 'crime': 5.656808515508546, 'crimes':
8.725722406356127, 'criminal': 8.977036834637033, 'cringe': 9.131187514464292, 'crisis':
7.0943055872032525, 'crisp': 8.689354762185253, 'criss': 8.725722406356127, 'criteria':
7.6395326376865755, 'critical': 3.8262256051975867, 'critically': 5.65165828953223, 'criticism': 8
.802683447492257, 'critics': 9.71897417936641, 'critique': 7.590742473517143, 'critiques':
9.382501942745199, 'critiquing': 8.763462734338976, 'critter': 9.536652622572456, 'critters':
9.536652622572456, 'crochet': 9.942117730680621, 'crock': 9.824334695024238, 'crocodile':
9.942117730680621, 'cromebooks': 9.942117730680621, 'crop': 8.307987205656149, 'crops':
8.014226087127986, 'cross': 5.663717005852357, 'crossed': 8.93051681900214, 'crosses':
9.077120293194016, 'crossfit': 9.45660991489892, 'crossing': 8.763462734338976, 'crossover':
9.623663999562087, 'crossroads': 9.077120293194016, 'crowd': 7.499770695311416, 'crowded':
7.05871464210055, 'crowding': 9.131187514464292, 'crowds': 9.131187514464292, 'crown':
9.45660991489892, 'crowns': 9.623663999562087, 'crucial': 4.898692613761375, 'crucible':
10.075649123305144, 'cruel': 9.382501942745199, 'cruelty': 10.075649123305144, 'cruise':
9.71897417936641, 'crumbling': 10.075649123305144, 'crumbs': 9.824334695024238, 'crumpled':
9.623663999562087, 'crunch': 9.313509071258247, 'crunches': 9.824334695024238, 'crutch':
9.71897417936641, 'cry': 7.2593853375627, 'crying': 8.38397311263407, 'crystal':
9.077120293194016, 'crystals': 9.131187514464292, 'cs': 8.55582336956073, 'csi': 9.45660991489892,
'css': 10.075649123305144, 'ct': 8.33267981824652, 'cte': 9.248970550120676, 'cuba':
8.525051710893976, 'cuban': 9.18834592830424, 'cubbie': 9.71897417936641, 'cubbies':
7.416389086372366, 'cubby': 8.214896782590138, 'cube': 7.664850445670865, 'cubelets':
9.025826998806465, 'cubes': 6.641661918819997, 'cubicles': 9.942117730680621, 'cucumbers':
9.942117730680621, 'cuddle': 8.763462734338976, 'cuddly': 9.824334695024238, 'cue':
8.58757206787531, 'cues': 7.32107890656804, 'cuisenaire': 9.71897417936641, 'cuisine':
9.942117730680621, 'culinary': 7.927214710138356, 'culminate': 8.260359156666894, 'culminates':
9.131187514464292, 'culminating': 7.0943055872032525, 'culmination': 8.689354762185253,
'cultivate': 6.412087477175497, 'cultivated': 8.84350544201251, 'cultivates': 8.977036834637033,
'cultivating': 7.652111419893435, 'cultural': 4.5997834787158105, 'culturally': 5.19609923610515,
'culture': 4.524352049157139, 'cultured': 9.077120293194016, 'cultures': 4.2944647875806155,
'cumberland': 9.45660991489892, 'cumbersome': 8.051267358808335, 'cumulative': 9.131187514464292,
'cup': 7.961116261814038, 'cupboard': 9.71897417936641, 'cupboards': 9.313509071258247, 'cupcake':
9.71897417936641, 'cupcakes': 9.623663999562087, 'cups': 7.087085339229765, 'curate':
9.623663999562087, 'curated': 10.075649123305144, 'curb': 8.620361890698302, 'cure':
8.802683447492257, 'cures': 10.075649123305144, 'curios': 9.623663999562087, 'curiosities':
7.590742473517143, 'curiosity': 4.602778389609663, 'curious': 3.855343003768314, 'curiousity':
9.313509071258247, 'curl': 7.457211080892621, 'curled': 9.025826998806465, 'curling':
8.495198747744295, 'currency': 9.077120293194016, 'current': 3.88621232345375, 'currently':
3.3369889715360874, 'currents': 8.886065056431306, 'curricula': 7.744893153344401, 'curricular':
5.767730460784984, 'curriculum': 3.420576555214536, 'curriculums': 8.051267358808335, 'cursive':
8.410641359716232, 'curtain': 9.623663999562087, 'curtains': 9.131187514464292, 'curve':
7.878424545968924, 'curved': 9.077120293194016, 'curves': 9.248970550120676, 'cushion':
6.566238157002755, 'cushioned': 8.214896782590138, 'cushioning': 9.942117730680621, 'cushions':
5.209214178182978, 'cushy': 9.45660991489892, 'cusp': 8.977036834637033, 'custodial':
9.623663999562087, 'custodian': 9.382501942745199, 'custodians': 9.077120293194016, 'custody':
9.025826998806465, 'custom': 8.09973363963613, 'customary': 9.942117730680621, 'customer':
8.525051710893976, 'customers': 8.33267981824652, 'customizable': 9.248970550120676, 'customize':
8.150358261452567, 'customized': 7.910685408187145, 'customizing': 10.075649123305144, 'customs':
7.802051156718435, 'cut': 5.312254932102158, 'cutbacks': 9.077120293194016, 'cute':
7.802051156718435, 'cuties': 9.824334695024238, 'cuts': 5.409518237527365, 'cutter':
7.802051156718435, 'cutters': 8.886065056431306, 'cutting': 6.007844116317655, 'cvc':
7.8319045303340316, 'cyber': 8.977036834637033, 'cycle': 5.693622488631262, 'cycles':
6.557727467334846, 'cyclical': 9.942117730680621, 'cycling': 8.802683447492257, 'cylinder':
9.536652622572456, 'cylinders': 8.84350544201251, 'cymbal': 9.942117730680621, 'cymbals':
8.93051681900214, 'cynthia': 9.942117730680621, 'cypress': 10.075649123305144, 'da':

9.9909100100021, 'cynthia': 9.942117730680621, 'cypress': 10.075649123305144, 'dd':
9.313509071258247, 'dab': 9.824334695024238, 'dabbers': 9.942117730680621, 'dabble':
9.824334695024238, 'dad': 7.20937491698804, 'daddy': 9.942117730680621, 'dade': 8.84350544201251,
'dads': 8.84350544201251, 'dahl': 8.689354762185253, 'daily': 2.698068802451618, 'dairies':
9.382501942745199, 'dairy': 9.18834592830424, 'dakota': 8.051267358808335, 'dale':
9.248970550120676, 'dallas': 7.185277365408979, 'damage': 7.2593853375627, 'damaged':
6.703439278516241, 'damages': 9.248970550120676, 'damaging': 8.55582336956073, 'dampen':
9.623663999562087, 'damper': 9.623663999562087, 'dan': 9.71897417936641, 'dance':
4.9757826954809445, 'dancer': 9.077120293194016, 'dancers': 7.567211976106949, 'dances':
7.339428045236237, 'dancing': 5.9056671468774224, 'danger': 8.38397311263407, 'dangerous':
6.72324190581242, 'dangerously': 9.382501942745199, 'dangers': 8.495198747744295, 'dangle':
9.45660991489892, 'dangling': 9.824334695024238, 'daniel': 9.313509071258247, 'dare':
8.192917875871363, 'daring': 9.313509071258247, 'dark': 7.2175382276272, 'darker':
9.942117730680621, 'darkest': 9.942117730680621, 'darkness': 9.313509071258247, 'darkroom':
9.824334695024238, 'darling': 9.536652622572456, 'darlings': 9.942117730680621, 'dash':
6.390347490539091, 'data': 4.843013788596757, 'database': 8.886065056431306, 'databases':
8.466211210871043, 'date': 5.487770434427113, 'dated': 7.242435779248927, 'dates':
8.09973363963613, 'dating': 9.536652622572456, 'daughter': 8.495198747744295, 'daughters':
8.977036834637033, 'daunting': 7.079916849751153, 'dave': 9.942117730680621, 'david':
7.294171453648116, 'davis': 9.382501942745199, 'dawn': 8.886065056431306, 'day':
1.864282578395732, 'daycare': 7.878424545968924, 'daydreaming': 10.075649123305144, 'days':
4.237086036623988, 'dazzling': 9.536652622572456, 'dc': 7.1540248219048745, 'dcd':
9.71897417936641, 'dd': 9.942117730680621, 'de': 7.426439422225867, 'dead': 7.961116261814038,
'deadline': 9.71897417936641, 'deadlines': 8.84350544201251, 'deadly': 9.536652622572456, 'deaf':
7.0448255299398825, 'deafness': 9.536652622572456, 'deal': 4.987171342444954, 'dealing':
6.275356081820304, 'deals': 8.150358261452567, 'dealt': 7.664850445670865, 'dean':
9.131187514464292, 'dear': 7.614840025096203, 'dearly': 8.886065056431306, 'death':
7.816866652969491, 'debate': 6.933962937128073, 'debated': 10.075649123305144, 'debaters':
9.077120293194016, 'debates': 7.436591793689885, 'debating': 8.466211210871043, 'debilitating':
9.536652622572456, 'debris': 9.623663999562087, 'debt': 9.18834592830424, 'debug':
9.942117730680621, 'debunk': 9.313509071258247, 'decade': 7.862676189000785, 'decades':
7.426439422225867, 'decals': 9.45660991489892, 'decathlon': 10.075649123305144, 'deceased':
9.942117730680621, 'december': 7.894424887315365, 'decent': 7.35812017824839, 'decide':
6.304531570954235, 'decided': 5.459115178666737, 'decides': 8.977036834637033, 'deciding':
7.744893153344401, 'decimal': 9.313509071258247, 'decimals': 7.910685408187145, 'decipher':
8.192917875871363, 'deciphering': 9.45660991489892, 'decision': 6.445610169214141, 'decisions': 5.
967119926091086, 'deck': 8.28388965407709, 'decks': 9.45660991489892, 'declaration':
8.886065056431306, 'declare': 9.71897417936641, 'declared': 9.623663999562087, 'decline':
8.171411670650398, 'declined': 9.077120293194016, 'declining': 9.536652622572456, 'declutter':
10.075649123305144, 'decodable': 8.977036834637033, 'decode': 7.488959779207201, 'decoding':
6.623396570842704, 'decompose': 8.93051681900214, 'decomposing': 8.620361890698302,
'decomposition': 9.077120293194016, 'decompress': 9.077120293194016, 'deconstruct':
9.71897417936641, 'decor': 8.38397311263407, 'decorate': 7.05871464210055, 'decorated':
8.192917875871363, 'decorating': 8.214896782590138, 'decoration': 9.248970550120676,
'decorations': 7.758879395319141, 'decorative': 8.55582336956073, 'decrease': 6.219440896983394,
'decreased': 7.426439422225867, 'decreases': 7.787452767763197, 'decreasing': 7.664850445670865,
'dedicate': 7.6395326376865755, 'dedicated': 4.603378449633668, 'dedicating': 9.536652622572456,
'dedication': 6.0477496604911956, 'deduce': 10.075649123305144, 'deductive': 9.025826998806465, 'd
eeds': 9.382501942745199, 'deem': 9.536652622572456, 'deemed': 7.816866652969491, 'deep':
5.474773861599933, 'deepen': 6.129915060534685, 'deepened': 9.824334695024238, 'deepening':
8.525051710893976, 'deepens': 9.077120293194016, 'deeper': 5.062160760226481, 'deepest':
9.18834592830424, 'deeply': 6.052851712375091, 'deer': 9.025826998806465, 'deescalate':
9.382501942745199, 'defeat': 8.438040333904347, 'defeated': 8.410641359716232, 'defects':
9.623663999562087, 'defend': 8.09973363963613, 'defense': 8.93051681900214, 'defensive':
9.18834592830424, 'defer': 10.075649123305144, 'defiance': 9.18834592830424, 'defiant':
9.131187514464292, 'deficiencies': 7.80205156718435, 'deficiency': 8.802683447492257, 'deficient':
8.051267358808335, 'deficit': 6.492130184849033, 'deficits': 6.278556084550974, 'define':
6.365567461540604, 'defined': 6.769285844313827, 'defines': 8.12973897424983, 'defining':
8.35799762623081, 'definite': 8.150358261452567, 'definitely': 5.253066060711827, 'definition':
7.532922902628317, 'definitions': 8.12973897424983, 'definitive': 9.942117730680621, 'deflated': 9
.623663999562087, 'defy': 7.9785080045259065, 'defying': 8.438040333904347, 'degradation':
10.075649123305144, 'degree': 6.536762338869802, 'degrees': 6.845409539786628, 'dehydration':
9.942117730680621, 'dekalb': 9.71897417936641, 'del': 9.313509071258247, 'delaware':
8.495198747744295, 'delay': 7.2175382276272, 'delayed': 7.146361949159306, 'delays':
5.854042781472116, 'delete': 9.71897417936641, 'deleted': 10.075649123305144, 'deliberate':
9.623663999562087, 'delicate': 9.131187514464292, 'delicious': 7.6395326376865755, 'delight':
7.276627143997207, 'delighted': 8.070315553779029, 'delightful': 7.6395326376865755, 'delineated':
9.942117730680621, 'deliver': 6.464731210660919, 'delivered': 7.488959779207201, 'delivering':
8.032575225796183, 'delivers': 9.313509071258247, 'delivery': 7.555651153705873, 'dell':
7.910685408187145, 'delta': 7.787452767763197, 'deluxe': 9.18834592830424, 'delve':
6.801203447282132, 'delving': 8.214896782590138, 'delzer': 8.977036834637033, 'demand':
6.010292097956295, 'demanded': 9.18834592830424, 'demanding': 7.32107890656804, 'demands':
5.870956503914178, 'demeanor': 9.248970550120676, 'demo': 9.313509071258247, 'democracy':
8.763462734338976, 'democratic': 8.763462734338976, 'demographic': 6.688840479095088,
'demographically': 9.18834592830424, 'demographics': 6.445610169214141, 'demonstrate':
4.964522290662565, 'demonstrated': 7.267969081254092, 'demonstrates': 7.816866652969491,
'demonstrating': 6.921692844536259, 'demonstration': 7.614840025096203, 'demonstrations':
7.1540248219048745, 'demos': 9.45660991489892, 'demystify': 9.942117730680621, 'den':

7.1540240219040745, 'demos': 9.45600091409092, 'demystify': 9.942117730680621, 'den':
10.075649123305144, 'dendrites': 9.382501942745199, 'denham': 9.18834592830424, 'denied':
8.214896782590138, 'denominator': 8.977036834637033, 'denominators': 9.942117730680621, 'dense': 7
.276627143997207, 'densely': 9.382501942745199, 'density': 8.070315553779029, 'dent':
9.942117730680621, 'dental': 8.051267358808335, 'dented': 10.075649123305144, 'dentist':
9.025826998806465, 'dentists': 9.71897417936641, 'denver': 8.28388965407709, 'deny':
8.977036834637033, 'denying': 10.075649123305144, 'deodorant': 7.690825932074126, 'depaola':
10.075649123305144, 'department': 5.7638916844778185, 'departmentalize': 9.71897417936641,
'departmentalized': 7.996207581625308, 'departments': 8.38397311263407, 'depend':
6.2285456639763135, 'dependable': 8.35799762623081, 'dependence': 9.623663999562087, 'dependent':
6.868267677862678, 'dependents': 8.28388965407709, 'depending': 6.4763818278808944, 'depends':
7.478264490090453, 'depict': 8.93051681900214, 'depicted': 9.248970550120676, 'depicting':
9.313509071258247, 'depiction': 9.824334695024238, 'depicts': 9.942117730680621, 'depleted':
8.171411670650398, 'depleting': 9.942117730680621, 'deploy': 9.824334695024238, 'deployed':
7.267969081254092, 'deployment': 9.077120293194016, 'deployments': 9.077120293194016,
'deportation': 9.382501942745199, 'deposit': 10.075649123305144, 'deposits': 9.942117730680621,
'depot': 9.623663999562087, 'depressed': 7.690825932074126, 'depression': 7.510699765843607,
'deprivation': 9.536652622572456, 'deprive': 9.942117730680621, 'deprived': 7.80205156718435,
'dept': 9.382501942745199, 'depth': 5.744915783018812, 'depths': 8.93051681900214, 'derive':
9.131187514464292, 'derived': 9.45660991489892, 'derives': 10.075649123305144, 'des':
9.45660991489892, 'descent': 7.567211976106949, 'descents': 9.824334695024238, 'describe':
5.561654817982922, 'described': 6.94638545712663, 'describes': 7.2175382276272, 'describing':
7.602718664563859, 'description': 7.862676189000785, 'descriptions': 9.025826998806465,
'descriptive': 8.689354762185253, 'desert': 7.6395326376865755, 'deserts': 9.18834592830424,
'deserve': 3.6758663991065905, 'deserved': 8.763462734338976, 'deserves': 5.879521866773101,
'deserving': 6.037622991673266, 'design': 4.2675066333247, 'designate': 8.654263442373983,
'designated': 5.779336006905291, 'designating': 9.824334695024238, 'designation':
9.025826998806465, 'designed': 4.792445394567155, 'designer': 8.495198747744295, 'designers':
7.303060401065363, 'designing': 5.810959195335804, 'designs': 5.93934036198401, 'desirable':
7.84717200246482, 'desire': 3.9708558908901583, 'desired': 6.828602421470246, 'desires':
7.0448255299398825, 'desiring': 9.131187514464292, 'desk': 4.193919725994034, 'deskless':
9.824334695024238, 'desks': 4.0675381850824195, 'desktop': 6.0477496604911956, 'desktops':
7.161746867998785, 'desmos': 8.84350544201251, 'despair': 9.248970550120676, 'desperate':
6.07091671977273, 'desperately': 5.604826989848131, 'despise': 9.824334695024238, 'despite':
3.2937810588774052, 'dessert': 9.623663999562087, 'destination': 8.260359156666894,
'destinations': 9.131187514464292, 'destined': 7.816866652969491, 'destiny': 8.466211210871043,
'destress': 10.075649123305144, 'destroy': 9.71897417936641, 'destroyed': 7.303060401065363,
'destroying': 8.93051681900214, 'destruction': 9.45660991489892, 'destructive': 9.623663999562087,
'detach': 10.075649123305144, 'detail': 6.921692844536259, 'detailed': 7.0176129664149975,
'detailing': 9.382501942745199, 'details': 6.175120497302733, 'detect': 9.313509071258247,
'detective': 9.623663999562087, 'detectives': 8.763462734338976, 'detector': 9.824334695024238,
'detention': 9.313509071258247, 'deter': 7.787452767763197, 'detergent': 9.131187514464292,
'deteriorate': 9.71897417936641, 'deteriorating': 9.623663999562087, 'determination':
5.6499474251286, 'determine': 5.914536384618202, 'determined': 5.1228447380304685, 'determines':
8.84350544201251, 'determining': 7.499770695311416, 'deterrent': 9.382501942745199, 'detract':
9.942117730680621, 'detriment': 9.71897417936641, 'detrimental': 8.35799762623081, 'detroit':
6.97813415544121, 'devastated': 7.996207581625308, 'devastating': 7.510699765843607,
'devastation': 9.248970550120676, 'develop': 3.3197139088119823, 'develope': 10.075649123305144, '
developed': 5.523277122884023, 'developers': 9.025826998806465, 'developing': 4.407247125908457, 'd
evelopment': 4.259814287701544, 'developmental': 5.5934539996758605, 'developmentally':
6.007844116317655, 'developments': 8.438040333904347, 'develops': 6.879895715857797, 'device':
5.255367557700106, 'devices': 4.699048838363063, 'devise': 8.725722406356127, 'devised':
9.824334695024238, 'devises': 9.71897417936641, 'devoid': 9.623663999562087, 'devote':
8.10953626693231, 'devoted': 7.267969081254092, 'devotion': 9.382501942745199, 'devour':
7.499770695311416, 'devoured': 9.382501942745199, 'devouring': 9.313509071258247, 'dewey':
7.862676189000785, 'dexterity': 8.237369638442196, 'dfw': 9.536652622572456, 'dia':
9.942117730680621, 'diabetes': 8.10953626693231, 'diagnose': 9.824334695024238, 'diagnosed':
5.953133684116346, 'diagnoses': 7.910685408187145, 'diagnosis': 7.0943055872032525, 'diagnostic':
8.58757206787531, 'diagram': 8.763462734338976, 'diagramming': 10.075649123305144, 'diagrams': 6.9
65313467012149, 'dial': 9.623663999562087, 'dialect': 9.623663999562087, 'dialects':
8.38397311263407, 'dialog': 9.824334695024238, 'dialogue': 7.185277365408979, 'dialogues':
9.942117730680621, 'diamond': 8.58757206787531, 'diamonds': 8.93051681900214, 'diane':
9.248970550120676, 'diapers': 10.075649123305144, 'diaries': 8.725722406356127, 'diary':
7.499770695311416, 'dias': 9.942117730680621, 'dibels': 10.075649123305144, 'dicamillo':
8.977036834637033, 'dice': 6.650921244232794, 'dick': 9.71897417936641, 'dictate':
7.758879395319141, 'dictated': 9.71897417936641, 'dictation': 8.84350544201251, 'dictionaries': 7.
101578346532332, 'dictionary': 7.276627143997207, 'did': 6.897595292957198, 'die':
7.944021828454737, 'died': 8.654263442373983, 'diego': 7.20127770675542, 'dies':
8.977036834637033, 'diet': 7.499770695311416, 'dietary': 9.45660991489892, 'diets':
8.620361890698302, 'differ': 7.927214710138356, 'difference': 3.7436390141883127, 'differences': 4
.959367640073901, 'different': 2.3322555297670666, 'differential': 9.45660991489892,
'differentiate': 5.176743793152194, 'differentiated': 4.9432176928027864, 'differentiates':
9.18834592830424, 'differentiating': 6.97170326511092, 'differentiation': 5.976553958324445,
'differently': 5.682965194157274, 'differing': 7.193245535058156, 'differs': 9.382501942745199,
'difficult': 3.3937195608571558, 'difficulties': 5.1863746862131554, 'difficultly':
10.075649123305144, 'difficulty': 5.026709286527386, 'diffuse': 9.824334695024238, 'diffused':
10.075649123305144, 'diffuser': 8.438040333904347, 'diffusers': 9.536652622572456, 'diffusing':
9.623663999562087, 'dig': 6.314449007611581, 'digest': 8.58757206787531, 'digestion':

9.623663999562087, 'dig': 6.514449007611381, 'digest': 8.5875200767551, 'digestion': 10.075649123305144, 'digestive': 9.313509071258247, 'digging': 7.744893153344401, 'digit': 8.070315553779029, 'digital': 4.319906909718231, 'digitally': 6.674451741642988, 'digitize': 9.824334695024238, 'digitized': 9.942117730680621, 'digits': 9.623663999562087, 'dignity': 8.438040333904347, 'digraphs': 8.33267981824652, 'digs': 9.942117730680621, 'dilapidated': 8.35799762623081, 'dilemma': 8.525051710893976, 'dilemmas': 9.382501942745199, 'diligence': 8.84350544201251, 'diligent': 7.731099831212066, 'diligently': 6.311132254985587, 'dim': 8.725722406356127, 'dime': 10.075649123305144, 'dimension': 8.032575225796183, 'dimensional': 6.7537011132971285, 'dimensions': 8.032575225796183, 'diminish': 8.495198747744295, 'diminished': 8.495198747744295, 'diminishes': 8.93051681900214, 'diminishing': 9.025826998806465, 'dimmed': 9.942117730680621, 'dingy': 9.313509071258247, 'dining': 9.824334695024238, 'dinner': 6.307826466851088, 'dinners': 9.18834592830424, 'dinosaur': 8.38397311263407, 'dinosaurs': 7.878424545968924, 'diorama': 8.93051681900214, 'dioramas': 8.58757206787531, 'dioxide': 9.824334695024238, 'dip': 9.45660991489892, 'diploma': 6.933962937128073, 'diplomas': 8.977036834637033, 'dipping': 9.45660991489892, 'dire': 7.010923978264201, 'direct': 5.536924036725205, 'directed': 6.19261365475025, 'directing': 8.410641359716232, 'direction': 5.9212403203403925, 'directional': 9.131187514464292, 'directions': 5.6533720860099645, 'directly': 5.232587529368287, 'director': 7.717494179156287, 'directors': 8.525051710893976, 'directs': 10.075649123305144, 'dirt': 7.532922902628317, 'dirty': 6.41575720606446, 'dis': 9.313509071258247, 'disabilites': 9.623663999562087, 'disabilities': 3.8035810692097245, 'disability': 5.446483431760837, 'disabled': 6.262657498483176, 'disabling': 9.942117730680621, 'disadvantage': 5.856141418129037, 'disadvantaged': 4.69772870615814, 'disadvantages': 6.5409203490184655, 'disagree': 8.763462734338976, 'disagreements': 9.131187514464292, 'disappear': 7.758879395319141, 'disappeared': 8.977036834637033, 'disappearing': 9.313509071258247, 'disappears': 9.536652622572456, 'disappoint': 9.131187514464292, 'disappointed': 7.544222457882251, 'disappointing': 9.18834592830424, 'disappointment': 8.38397311263407, 'disappointments': 10.075649123305144, 'disarray': 10.075649123305144, 'disaster': 8.150358261452567, 'disasters': 8.466211210871043, 'disastrous': 9.824334695024238, 'disc': 7.690825932074126, 'discard': 9.942117730680621, 'discarded': 9.382501942745199, 'discern': 9.824334695024238, 'discerning': 10.075649123305144, 'disciplinary': 7.910685408187145, 'discipline': 6.369070092091806, 'disciplined': 8.55582336956073, 'disciplines': 7.072799381982288, 'disco': 9.623663999562087, 'discomfort': 7.8319045303340316, 'disconnect': 8.654263442373983, 'disconnected': 9.077120293194016, 'discontinued': 9.824334695024238, 'discount': 9.18834592830424, 'discounted': 9.536652622572456, 'discourage': 8.10953626693231, 'discouraged': 7.087085339229765, 'discouragement': 9.824334695024238, 'discourages': 9.536652622572456, 'discouraging': 8.525051710893976, 'discourse': 8.08973363963613, 'discover': 4.479876172478345, 'discovered': 6.135455240910301, 'discoverers': 9.824334695024238, 'discoveries': 6.2074287405353905, 'discovering': 5.845692002254696, 'discovers': 9.45660991489892, 'discovery': 5.3407045935702415, 'discreet': 9.824334695024238, 'discreetly': 8.84350544201251, 'discrepancies': 9.942117730680621, 'discrepancy': 9.45660991489892, 'discrete': 9.025826998806465, 'discretely': 9.313509071258247, 'discriminate': 9.942117730680621, 'discrimination': 8.55582336956073, 'discs': 6.868267677862678, 'discuss': 4.811479644189669, 'discussed': 6.545095720428946, 'discusses': 9.18834592830424, 'discussing': 5.821050098317767, 'discussion': 5.447879105399811, 'discussions': 4.88746555116759, 'disease': 7.690825932074126, 'diseases': 8.525051710893976, 'disenfranchised': 9.077120293194016, 'disengage': 9.824334695024238, 'disengaged': 7.894424887315365, 'disguise': 9.824334695024238, 'disguised': 9.71897417936641, 'dish': 8.84350544201251, 'disheartened': 9.824334695024238, 'disheartening': 9.077120293194016, 'dishes': 7.996207581625308, 'disillusioned': 10.075649123305144, 'disinfect': 9.623663999562087, 'disinfectant': 8.886065056431306, 'disinfecting': 8.495198747744295, 'disinterested': 9.623663999562087, 'disk': 8.38397311263407, 'disks': 7.704071158824147, 'dislike': 7.961116261814038, 'dislikes': 8.58757206787531, 'dismal': 9.942117730680621, 'dismiss': 9.824334695024238, 'dismissal': 8.150358261452567, 'dismissed': 9.623663999562087, 'disney': 7.386830284130821, 'disneyland': 9.942117730680621, 'disorder': 5.7619778082955335, 'disorders': 5.810959195335804, 'disorganization': 9.71897417936641, 'disorganized': 8.33267981824652, 'disparate': 9.71897417936641, 'disparities': 9.382501942745199, 'disparity': 8.495198747744295, 'dispel': 9.313509071258247, 'dispenser': 8.886065056431306, 'dispensers': 9.71897417936641, 'dispersed': 9.942117730680621, 'displaced': 7.521749602030192, 'displacement': 9.313509071258247, 'display': 4.8576125880179095, 'displayed': 6.097303474945925, 'displaying': 7.0176129664149975, 'displays': 6.97813415544121, 'disposable': 8.763462734338976, 'disposal': 7.123719472409546, 'dispose': 9.942117730680621, 'disposed': 9.824334695024238, 'disposition': 9.942117730680621, 'disproportionate': 10.075649123305144, 'disrepair': 8.802683447492257, 'disrespectful': 9.942117730680621, 'disrupt': 7.510699765843607, 'disrupted': 8.84350544201251, 'disrupting': 6.618881890488177, 'disruption': 7.457211080892621, 'disruptions': 7.555651153705873, 'disruptive': 6.664972997688444, 'disrupts': 9.18834592830424, 'dissect': 7.386830284130821, 'dissected': 9.45660991489892, 'dissecting': 7.927214710138356, 'dissection': 7.567211976106949, 'dissections': 8.237369638442196, 'disseminate': 9.942117730680621, 'disservice': 8.886065056431306, 'dissolved': 9.71897417936641, 'distance': 6.688840479095088, 'distances': 7.996207581625308, 'distant': 8.410641359716232, 'distinct': 7.961116261814038, 'distinction': 8.886065056431306, 'distinctive': 9.131187514464292, 'distinguish': 7.894424887315365, 'distinguished': 7.521749602030192, 'distinguishes': 10.075649123305144, 'distinguishing': 9.942117730680621, 'distract': 6.879895715857797, 'distracted': 5.733700712198672, 'distractible': 9.942117730680621, 'distracting': 5.560091096006739, 'distraction': 5.927989502315321, 'distractions': 5.590228190426978, 'distracts': 8.192917875871363, 'distress': 8.763462734338976, 'distressed': 10.075649123305144, 'distribute': 8.237369638442196, 'distributed': 8.051267358808335, 'distributing': 9.45660991489892, 'distribution': 8.55582336956073, 'district': 3.104919045161618, 'districts': 5.737425111289655, 'disturb': 7.961116261814038, 'disturbance': 6.764063900332675, 'disturbances': 7.62711011176880185,
'disturbed': 7.664850445670865, 'disturbing': 6.713391574959253, 'disturbs': 9.942117730680621

'disturbed': 7.6648504456470865, 'disturbing': 6.713291574959252, 'disturbs': 9.942117730680621, 'ditch': 8.886065056431306, 'ditching': 10.075649123305144, 'dive': 5.808953176608938, 'divergent': 8.886065056431306, 'divers': 10.075649123305144, 'diverse': 2.6383586273798327, 'diversed': 9.942117730680621, 'diversely': 9.942117730680621, 'diversified': 7.499770695311416, 'diversify': 8.214896782590138, 'diversifying': 9.623663999562087, 'diversities': 8.977036834637033, 'diversity': 4.5997834787158105, 'dives': 10.075649123305144, 'divide': 7.051745972784456, 'divided': 7.031126685581721, 'dividends': 10.075649123305144, 'divider': 8.802683447492257, 'dividers': 7.267969081254092, 'dividing': 8.466211210871043, 'diving': 7.330211390131313, 'division': 6.627931726008095, 'divisions': 10.075649123305144, 'divorce': 8.260359156666894, 'divorced': 8.763462734338976, 'dixie': 8.763462734338976, 'dixon': 9.824334695024238, 'diy': 8.84350544201251, 'djembe': 9.313509071258247, 'djembes': 9.536652622572456, 'dna': 7.773064030311097, 'do': 5.2371022097228135, 'doable': 9.536652622572456, 'doc': 8.495198747744295, 'dock': 9.623663999562087, 'docking': 8.93051681900214, 'docs': 6.39393815866982, 'doctor': 7.406438755519197, 'doctors': 6.160773048894591, 'document': 5.159847931879726, 'documentaries': 8.10953626693231, 'documentary': 8.58757206787531, 'documentation': 7.996207581625308, 'documented': 8.150358261452567, 'documenting': 7.532922902628317, 'documents': 6.102665418087311, 'dodge': 8.725722406356127, 'dodgeball': 9.45660991489892, 'dodgeballs': 10.075649123305144, 'dodging': 10.075649123305144, 'doe': 9.077120293194016, 'doers': 8.214896782590138, 'does': 8.070315553779029, 'dog': 7.652111419893435, 'dogs': 8.237369638442196, 'doh': 7.396586459076186, 'doing': 7.446848293857074, 'doink': 9.623663999562087, 'dojo': 7.816866652969491, 'doll': 8.725722406356127, 'dollar': 6.984606669946827, 'dollars': 7.010923978264201, 'dollhouse': 8.977036834637033, 'dolls': 7.690825932074126, 'dolphins': 8.977036834637033, 'domain': 8.886065056431306, 'domains': 8.192917875871363, 'dome': 9.71897417936641, 'domes': 9.942117730680621, 'domestic': 7.744893153344401, 'dominant': 8.260359156666894, 'dominate': 9.18834592830424, 'dominated': 8.977036834637033, 'dominating': 10.075649123305144, 'dominican': 7.35812017824839, 'domino': 9.71897417936641, 'dominoes': 8.28388965407709, 'don': 9.313509071258247, 'donald': 9.824334695024238, 'donaldson': 9.71897417936641, 'donalyn': 9.313509071258247, 'donate': 5.96010235343244, 'donated': 5.544586909470774, 'donates': 9.623663999562087, 'donating': 4.572061266977608, 'donation': 3.862470617692546, 'donations': 3.931156975767136, 'done': 4.505670187145331, 'donor': 6.327827133557757, 'donorchoose': 8.977036834637033, 'donors': 4.7975344640746265, 'donorschoose': 5.632997866814827, 'dont': 8.725722406356127, 'donut': 9.71897417936641, 'donuts': 9.942117730680621, 'doodle': 8.38397311263407, 'doodler': 8.802683447492257, 'doodlers': 9.71897417936641, 'doodles': 9.942117730680621, 'doodling': 9.18834592830424, 'door': 4.5260173284762, 'doors': 5.232587529368287, 'doorstep': 9.824334695024238, 'doorway': 9.131187514464292, 'dorchester': 9.623663999562087, 'doren': 9.824334695024238, 'dork': 8.977036834637033, 'dorm': 9.536652622572456, 'dory': 9.942117730680621, 'dose': 8.58757206787531, 'doses': 9.536652622572456, 'dot': 6.362077056600835, 'dots': 7.138757349774086, 'dotted': 9.71897417936641, 'double': 6.561973758216298, 'doubled': 7.944021828454737, 'doubles': 8.763462734338976, 'doubling': 9.248970550120676, 'doubly': 9.71897417936641, 'doubt': 6.500098354498211, 'doubts': 9.248970550120676, 'dough': 7.20127770675542, 'douglas': 9.45660991489892, 'douglass': 9.18834592830424, 'dove': 9.536652622572456, 'down': 6.795812598647256, 'downfall': 9.382501942745199, 'download': 6.334583916020637, 'downloadable': 9.45660991489892, 'downloaded': 7.35812017824839, 'downloading': 8.689354762185253, 'downright': 9.71897417936641, 'downs': 7.276627143997207, 'downside': 9.077120293194016, 'downstairs': 9.824334695024238, 'downtime': 9.313509071258247, 'downtown': 6.596609254879054, 'downturn': 9.824334695024238, 'downward': 9.71897417936641, 'dozen': 7.8319045303340316, 'dozens': 7.80205156718435, 'dr': 5.7871485466420856, 'dra': 9.942117730680621, 'drab': 9.248970550120676, 'draft': 7.602718664563859, 'drafting': 7.787452767763197, 'drafts': 7.690825932074126, 'drag': 7.878424545968924, 'dragging': 9.45660991489892, 'dragon': 8.620361890698302, 'dragons': 8.84350544201251, 'drain': 9.71897417936641, 'draining': 9.45660991489892, 'drama': 6.45321476859936, 'dramas': 8.886065056431306, 'dramatic': 6.007844116317655, 'dramatically': 6.795812598647256, 'dramatization': 9.824334695024238, 'dramatize': 9.71897417936641, 'draper': 9.942117730680621, 'drastic': 8.192917875871363, 'drastically': 6.627931726008095, 'draw': 5.062160760226481, 'drawback': 9.45660991489892, 'drawbacks': 9.536652622572456, 'drawer': 7.758879395319141, 'drawers': 7.457211080892621, 'drawing': 5.226972691483958, 'drawings': 6.3867696691912075, 'drawn': 6.851075277322305, 'draws': 7.590742473517143, 'drawstring': 9.313509071258247, 'dread': 8.214896782590138, 'dreaded': 8.307987205656149, 'dreadful': 10.075649123305144, 'dreading': 9.077120293194016, 'dream': 4.72922209618658, 'dreambox': 8.09973363963613, 'dreamed': 7.704071158824147, 'dreamer': 9.313509071258247, 'dreamers': 6.005402112662104, 'dreaming': 7.652111419893435, 'dreams': 4.729903063185995, 'dreary': 9.536652622572456, 'dremel': 10.075649123305144, 'dress': 7.101578346532332, 'dressed': 8.09973363963613, 'dresses': 9.623663999562087, 'dressing': 8.466211210871043, 'drew': 8.763462734338976, 'dribble': 8.802683447492257, 'dribbling': 8.525051710893976, 'dried': 8.051267358808335, 'dries': 9.248970550120676, 'drift': 9.942117730680621, 'drill': 7.677753850506773, 'drilled': 10.075649123305144, 'drilling': 9.71897417936641, 'drills': 7.072799381982288, 'drink': 7.16952900844084, 'drinking': 7.717494179156287, 'drinks': 7.57890801587014, 'drip': 9.942117730680621, 'dripping': 9.382501942745199, 'drive': 4.96246429020705, 'driven': 5.039624595204068, 'driver': 8.58757206787531, 'drivers': 8.620361890698302, 'drives': 6.457038865037763, 'drivetrain': 10.075649123305144, 'driving': 7.079916849751153, 'drone': 7.894424887315365, 'drones': 8.09973363963613, 'drop': 6.553499131225325, 'dropout': 9.536652622572456, 'dropouts': 10.075649123305144, 'dropped': 7.614840025096203, 'droppers': 9.623663999562087, 'dropping': 7.426439422225867, 'drops': 8.58757206787531, 'drought': 9.077120293194016, 'drove': 9.623663999562087, 'drown': 9.18834592830424, 'drowning': 9.71897417936641, 'drug': 7.0042794355455325, 'drugs': 6.965313467012149, 'drum': 6.605458870156037, 'drumline': 8.654263442373983, 'drummer': 9.942117730680621, 'drummers': 9.536652622572456, 'drumming': 7.334967530578411, 'drums':

9.942117730680621, 'drummers': 9.536652622572456, 'drumming': 7.234067529578411, 'drums': 6.524391047067255, 'drumsticks': 9.077120293194016, 'dry': 4.98805278807276, 'dryer': 9.131187514464292, 'drying': 7.436591793689885, 'dslr': 8.689354762185253, 'dual': 5.527805432508771, 'dubbed': 9.18834592830424, 'duck': 8.689354762185253, 'ducklings': 9.824334695024238, 'ducks': 9.623663999562087, 'duct': 7.773064030311097, 'due': 3.585142390971507, 'duel': 9.313509071258247, 'dug': 9.623663999562087, 'duke': 9.942117730680621, 'dull': 6.823062241094631, 'dumb': 9.18834592830424, 'dumbbells': 9.45660991489892, 'dummies': 9.71897417936641, 'dump': 9.71897417936641, 'duncan': 9.942117730680621, 'duo': 9.536652622572456, 'duolingo': 8.93051681900214, 'duplicate': 9.248970550120676, 'durability': 8.410641359716232, 'durable': 6.0554125332367645, 'duration': 8.438040333904347, 'durham': 8.84350544201251, 'during': 4.523243401593476, 'durning': 9.942117730680621, 'dust': 7.614840025096203, 'dusty': 8.802683447492257, 'dutch': 9.248970550120676, 'duties': 8.763462734338976, 'duty': 6.175120497302733, 'dvd': 7.20127770675542, 'dvds': 7.677753850506773, 'dweck': 10.075649123305144, 'dwell': 10.075649123305144, 'dwindle': 9.536652622572456, 'dwindled': 9.382501942745199, 'dwindles': 10.075649123305144, 'dwindling': 8.214896782590138, 'dye': 8.977036834637033, 'dyes': 10.075649123305144, 'dying': 7.944021828454737, 'dynamath': 9.131187514464292, 'dynamic': 5.585408903991029, 'dynamically': 9.824334695024238, 'dynamics': 6.851075277322305, 'dysfunction': 9.71897417936641, 'dysfunctional': 8.886065056431306, 'dysgraphia': 9.382501942745199, 'dyslexia': 7.161746867998785, 'dyslexic': 8.35799762623081, 'dystopian': 8.886065056431306, 'each': 3.448931374056119, 'eachother': 9.025826998806465, 'eager': 2.5281474404901765, 'eagerly': 6.516227736428094, 'eagerness': 5.461944034867215, 'eagle': 8.802683447492257, 'eagles': 8.438040333904347, 'ear': 6.828602421470246, 'earbuds': 7.267969081254092, 'earlier': 6.70835329331867, 'earliest': 5.978926438678076, 'early': 4.047370603074445, 'earmuffs': 9.623663999562087, 'earn': 5.670673555645717, 'earned': 6.769285844313827, 'earnest': 8.886065056431306, 'earnestly': 10.075649123305144, 'earning': 7.161746867998785, 'earnings': 8.886065056431306, 'earns': 9.623663999562087, 'earphones': 8.10953626693231, 'ears': 7.1540248219048745, 'earth': 5.5934539996758605, 'earthquake': 8.525051710893976, 'earthquakes': 8.654263442373983, 'earthworms': 9.18834592830424, 'ease': 5.674170062704446, 'easel': 5.741163433400262, 'easels': 7.731099831212066, 'easier': 4.541130966286249, 'easiest': 7.652111419893435, 'easily': 4.1979133415255045, 'easing': 9.942117730680621, 'east': 5.735561177851592, 'eastern': 6.698549293222048, 'easy': 4.228384925171252, 'eat': 5.043345529729758, 'eaten': 7.773064030311097, 'eaters': 9.18834592830424, 'eating': 5.636364873362731, 'eats': 8.38397311263407, 'ebd': 8.977036834637033, 'ebook': 9.18834592830424, 'ebooks': 7.116284493922027, 'ec': 8.28388965407709, 'eccentric': 9.942117730680621, 'ece': 9.248970550120676, 'echo': 7.731099831212066, 'echoed': 9.942117730680621, 'echoes': 9.824334695024238, 'eclectic': 7.416389086372366, 'eclipse': 9.536652622572456, 'eco': 8.171411670650398, 'ecoland': 9.942117730680621, 'ecological': 8.763462734338976, 'ecologically': 10.075649123305144, 'ecology': 7.894424887315365, 'economic': 3.723019726985577, 'economical': 6.779812257300814, 'economically': 4.571479702552958, 'economics': 6.879895715857797, 'economy': 6.404788174693886, 'ecosystem': 7.367598922202934, 'ecosystems': 7.32107890656804, 'ecse': 9.942117730680621, 'ecstatic': 7.6395326376865755, 'ect': 8.977036834637033, 'ecuador': 8.171411670650398, 'ed': 6.256368169575612, 'edgar': 9.824334695024238, 'edge': 6.297974170408076, 'edges': 7.758879395319141, 'edible': 8.58757206787531, 'edibles': 10.075649123305144, 'edison': 8.525051710893976, 'edit': 6.094633246390046, 'edited': 8.620361890698302, 'editing': 6.231599101463203, 'edition': 7.744893153344401, 'editions': 8.93051681900214, 'editor': 9.18834592830424, 'editors': 8.886065056431306, 'edits': 9.45660991489892, 'edmodo': 8.689354762185253, 'edpuzzle': 10.075649123305144, 'edu': 7.406438755519197, 'educate': 5.8009691022607175, 'educated': 6.492130184849033, 'educates': 7.944021828454737, 'educating': 6.445610169214141, 'education': 2.4350452969115093, 'educational': 3.423708177926765, 'educationally': 7.234067529578411, 'educations': 7.677753850506773, 'educator': 5.188527539574256, 'educators': 5.4423080603503555, 'educreations': 9.18834592830424, 'eduction': 9.18834592830424, 'edutopia': 8.58757206787531, 'edward': 8.802683447492257, 'edwards': 9.71897417936641, 'edwin': 10.075649123305144, 'effect': 5.756258059622747, 'effected': 8.620361890698302, 'effecting': 9.536652622572456, 'effective': 4.655114124032858, 'effectively': 5.035917454721249, 'effectiveness': 7.731099831212066, 'effects': 5.9908740120991935, 'efficacy': 8.725722406356127, 'efficiency': 7.467682380759916, 'efficient': 5.835350648459963, 'efficiently': 5.868826577656352, 'effort': 4.89788648715585, 'effortless': 9.824334695024238, 'effortlessly': 8.620361890698302, 'efforts': 5.728139993513976, 'egg': 7.602718664563859, 'eggs': 7.079916849751153, 'eggspert': 9.71897417936641, 'egypt': 7.787452767763197, 'egyptian': 9.45660991489892, 'egyptians': 9.942117730680621, 'eh': 9.942117730680621, 'eiffel': 9.824334695024238, 'eight': 5.536924036725205, 'eighteen': 7.467682380759916, 'eighth': 5.845692002254696, 'eighty': 6.738355543622468, 'einstein': 7.010923978264201, 'einsteins': 10.075649123305144, 'eip': 9.18834592830424, 'either': 4.870073808455722, 'el': 6.632487542543956, 'ela': 5.53083573785795, 'elaborate': 7.910685408187145, 'elapsed': 9.18834592830424, 'elar': 9.248970550120676, 'elastic': 8.977036834637033, 'elated': 8.725722406356127, 'elbow': 8.802683447492257, 'elbows': 9.536652622572456, 'eld': 7.787452767763197, 'elderly': 9.131187514464292, 'elders': 9.536652622572456, 'eleanor': 9.824334695024238, 'elect': 9.623663999562087, 'elected': 8.763462734338976, 'election': 7.6395326376865755, 'elections': 8.763462734338976, 'elective': 6.664972997688444, 'electives': 7.6271101176880185, 'electoral': 9.824334695024238, 'electric': 6.698549293222048, 'electrical': 7.416389086372366, 'electricity': 6.655583257338606, 'electromagnetic': 9.536652622572456, 'electromagnetism': 10.075649123305144, 'electromagnets': 9.536652622572456, 'electronic': 5.976553958324445, 'electronically': 7.664850445670865, 'electronics': 6.650921244232794, 'electrons': 9.382501942745199, 'electrophoresis': 8.763462734338976, 'elegant': 9.942117730680621, 'element': 6.5791415618386635, 'elementaries': 10.075649123305144, 'elementary': 3.4880991084803474, 'elements': 5.715283985412441, 'elephant': 7.758879395319141, 'elephants': 10.075649123305144, 'elevate': 7.84717200246482, 'elevated':

8.495198747744295, 'elevates': 9.942117730680621, 'elevating': 10.075649123305144, 'elevation': 9.
824334695024238, 'eleven': 7.079916849751153, 'eleventh': 8.93051681900214, 'elicit':
9.382501942745199, 'elie': 9.824334695024238, 'eligibilities': 9.71897417936641, 'eligibility': 8.
58757206787531, 'eligible': 5.7619778082955335, 'eliminate': 6.097303474945925, 'eliminated':
8.051267358808335, 'eliminates': 8.35799762623081, 'eliminating': 7.602718664563859,
'elimination': 9.536652622572456, 'elite': 8.763462734338976, 'elizabeth': 9.248970550120676,
'ell': 5.071702817359684, 'ellen': 9.536652622572456, 'elliptical': 9.131187514464292,
'ellipticals': 10.075649123305144, 'ells': 6.909571484003914, 'elm': 10.075649123305144, 'elmer':
10.075649123305144, 'elmo': 7.532922902628317, 'eloquent': 10.075649123305144, 'els':
9.623663999562087, 'else': 5.240501646424278, 'elsewhere': 7.330211390131313, 'elusive':
9.71897417936641, 'em': 9.942117730680621, 'email': 7.267969081254092, 'emailed':
9.71897417936641, 'emailing': 9.623663999562087, 'emails': 8.58757206787531, 'embark':
6.99767875151418, 'embarked': 8.689354762185253, 'embarking': 7.652111419893435, 'embarrassed': 7.
1540248219048745, 'embarrassing': 8.38397311263407, 'embarrassment': 7.878424545968924, 'embed': 8
.214896782590138, 'embedded': 7.416389086372366, 'embedding': 9.382501942745199, 'embellish':
9.942117730680621, 'embellishments': 10.075649123305144, 'ember': 9.824334695024238, 'embodies': 8
.38397311263407, 'embodiment': 9.382501942745199, 'embody': 7.6395326376865755, 'embrace':
5.439534133467631, 'embraced': 7.16952900844084, 'embraces': 7.267969081254092, 'embracing':
7.161746867998785, 'embroidery': 9.623663999562087, 'embryo': 9.942117730680621, 'emerge':
7.910685408187145, 'emerged': 9.942117730680621, 'emergencies': 9.536652622572456, 'emergency':
8.070315553779029, 'emergent': 6.984606669946827, 'emerges': 9.71897417936641, 'emerging':
6.885760835310195, 'emerson': 9.18834592830424, 'emigrated': 9.942117730680621, 'emilia':
9.71897417936641, 'emily': 9.824334695024238, 'emit': 10.075649123305144, 'emoji':
9.45660991489892, 'emojis': 10.075649123305144, 'emotion': 7.84717200246482, 'emotional':
4.189545091854988, 'emotionally': 5.708011226083362, 'emotions': 5.795022603072991, 'empathetic':
7.193245535058156, 'empathize': 8.35799762623081, 'empathy': 6.060553932737183, 'emphasis':
5.829196782885584, 'emphasize': 6.480295727202031, 'emphasized': 7.80205156718435, 'emphasizes':
7.20127770675542, 'emphasizing': 7.9785080045259065, 'empire': 9.623663999562087, 'empirical': 10.
075649123305144, 'employ': 8.171411670650398, 'employability': 9.45660991489892, 'employable':
9.536652622572456, 'employed': 7.84717200246482, 'employee': 9.18834592830424, 'employees':
7.758879395319141, 'employer': 9.536652622572456, 'employers': 8.410641359716232, 'employing':
9.313509071258247, 'employment': 6.903565459943701, 'employs': 9.025826998806465, 'empower':
5.339450674910648, 'empowered': 5.916766039945472, 'empowering': 6.045208363062523, 'empowerment':
7.467682380759916, 'empowers': 6.965313467012149, 'emptied': 10.075649123305144, 'empty':
6.449405240182692, 'emulate': 8.802683447492257, 'en': 8.886065056431306, 'enable':
4.401835058577786, 'enabled': 8.307987205656149, 'enables': 6.291459489386883, 'enabling':
6.909571484003914, 'enact': 9.313509071258247, 'enamored': 9.942117730680621, 'enchance':
10.075649123305144, 'enchanted': 9.942117730680621, 'enchanting': 10.075649123305144, 'enclaves':
9.71897417936641, 'enclosed': 9.313509071258247, 'encoded': 10.075649123305144, 'encompass':
7.9785080045259065, 'encompasses': 7.544222457882251, 'encompassing': 8.802683447492257,
'encounter': 5.953133684116346, 'encountered': 7.294171453648116, 'encountering':
9.18834592830424, 'encounters': 8.84350544201251, 'encourage': 3.6202259670387544, 'encouraged': 5
.077472064130929, 'encouragement': 5.907877092528226, 'encourages': 5.18101274307177,
'encouraging': 5.294127547509602, 'encyclopedia': 9.248970550120676, 'encyclopedias':
9.025826998806465, 'end': 3.851656625001312, 'endangered': 8.725722406356127, 'endearing':
8.725722406356127, 'endeavor': 6.839775722068372, 'endeavoring': 9.824334695024238, 'endeavors': 6
.213416782380013, 'ended': 6.605458870156037, 'ending': 7.101578346532332, 'endings':
8.763462734338976, 'endless': 4.811479644189669, 'endlessly': 8.55582336956073, 'endorphins':
9.71897417936641, 'ends': 5.6346799529978115, 'endurance': 7.05871464210055, 'endure':
7.116284493922027, 'endured': 8.12973897424983, 'enduring': 8.466211210871043, 'enemies':
9.942117730680621, 'enemy': 9.71897417936641, 'energetic': 3.672311471793667, 'energetically': 9.4
5660991489892, 'energies': 8.725722406356127, 'energize': 8.032575225796183, 'energized':
6.596609254879054, 'energizes': 10.075649123305144, 'energizing': 8.58757206787531, 'energy':
3.522733738302404, 'enforce': 8.495198747744295, 'enforcement': 9.382501942745199, 'enforcing':
9.536652622572456, 'engage': 3.3521601480548884, 'engaged': 3.1301852628758216, 'engagement':
4.147580892755956, 'engagements': 9.623663999562087, 'engages': 6.1522623592266825, 'engaging': 3.
231137965462589, 'engine': 8.763462734338976, 'engineer': 6.404788174693886, 'engineered':
9.71897417936641, 'engineering': 4.222215874144537, 'engineers': 5.3961669043525005, 'engines': 9.
382501942745199, 'england': 8.307987205656149, 'englewood': 9.45660991489892, 'english':
2.7796233387945235, 'engrossed': 8.08973363963613, 'engulfed': 8.84350544201251, 'enhance':
3.5999963119594693, 'enhanced': 6.210418279383757, 'enhancement': 7.961116261814038,
'enhancements': 9.131187514464292, 'enhances': 6.412087477175497, 'enhancing': 6.237734090030719,
'enjoy': 3.0203362799653917, 'enjoyable': 5.380377102619866, 'enjoyed': 6.045208363062523,
'enjoying': 5.955451182256709, 'enjoyment': 6.0554125332367645, 'enjoys': 7.32107890656804, 'enl':
7.8319045303340316, 'enlarge': 8.12973897424983, 'enlarged': 9.131187514464292, 'enlarging':
9.942117730680621, 'enlighten': 8.58757206787531, 'enlightened': 9.45660991489892, 'enlightening':
8.620361890698302, 'enlightenment': 9.71897417936641, 'enlist': 9.45660991489892, 'enliven':
9.248970550120676, 'enormous': 6.713291574959252, 'enormously': 9.382501942745199, 'enough':
3.516641111819832, 'enrich': 5.0536500705585725, 'enriched': 6.561973758216298, 'enriches':
8.032575225796183, 'enriching': 5.724449952426521.5, 'enrichment': 5.304964498839479, 'enroll':
7.367598922202934, 'enrolled': 5.971825817128499, 'enrolling': 8.307987205656149, 'enrollment':
6.183828825194517, 'enrollments': 9.623663999562087, 'enrolls': 8.886065056431306, 'ensemble':
6.74344461312994, 'ensembles': 7.717494179156287, 'ensure': 3.982401881887219, 'ensures':
6.879895715857797, 'ensuring': 6.301247495753045, 'entail': 8.886065056431306, 'entails':
8.495198747744295, 'enter': 4.239586037926072, 'entered': 6.812073119519036, 'entergetic':
10.075649123305144, 'entering': 5.658531168819992, 'enterprise': 9.536652622572456, 'enters':
7.303060401065363, 'entertain': 7.927214710138356, 'entertained': 7.816866652969491,

'entertainers': 9.824334695024238, 'entertaining': 6.684021192659139, 'entertainment': 7.436591793689885, 'entertains': 10.075649123305144, 'enthralled': 8.58757206787531, 'enthralling': 9.382501942745199, 'enthused': 8.192917875871363, 'enthusiasm': 4.725824199611175, 'enthusiastic': 4.116486422861792, 'enthusiastically': 7.544222457882251, 'enthusiasts': 8.93051681900214, 'entice': 7.367598922202934, 'enticed': 9.824334695024238, 'entices': 9.623663999562087, 'enticing': 8.014226087127986, 'entire': 4.271375110102619, 'entirely': 6.874064795547004, 'entirety': 8.763462734338976, 'entities': 10.075649123305144, 'entitled': 7.664850445670865, 'entity': 10.075649123305144, 'entrance': 7.9785080045259065, 'entranced': 9.623663999562087, 'entrepreneur': 9.077120293194016, 'entrepreneurial': 9.382501942745199, 'entrepreneurs': 6.779812257300814, 'entrepreneurship': 8.525051710893976, 'entries': 8.237369638442196, 'entrust': 9.45660991489892, 'entrusted': 8.802683447492257, 'entry': 7.250874647894792, 'entwined': 9.536652622572456, 'envelope': 9.382501942745199, 'enveloped': 9.536652622572456, 'envelopes': 8.466211210871043, 'enviornment': 8.93051681900214, 'enviroment': 8.802683447492257, 'environment': 2.6187820098492267, 'environmental': 5.65165828953223, 'environmentalists': 10.075649123305144, 'environmentally': 7.544222457882251, 'environments': 5.229214844889648, 'envision': 6.178014855329097, 'envisioned': 8.93051681900214, 'envisioning': 9.623663999562087, 'envy': 9.313509071258247, 'enzymes': 9.824334695024238, 'eog': 9.623663999562087, 'epic': 7.065732214759196, 'epidemic': 8.620361890698302, 'epidemics': 9.824334695024238, 'epilepsy': 9.71897417936641, 'episode': 9.45660991489892, 'episodes': 9.536652622572456, 'epitome': 9.248970550120676, 'epson': 8.84350544201251, 'equal': 5.6113843903942895, 'equality': 7.894424887315365, 'equalize': 9.18834592830424, 'equalizer': 8.58757206787531, 'equally': 6.596609254879054, 'equals': 7.717494179156287, 'equate': 9.45660991489892, 'equates': 9.71897417936641, 'equation': 7.862676189000785, 'equations': 6.817552585283662, 'equip': 6.460877641344929, 'equipment': 3.985956579441875, 'equipments': 9.71897417936641, 'equipped': 5.93478454544815, 'equipping': 8.051267358808335, 'equips': 9.131187514464292, 'equiptment': 9.942117730680621, 'equitable': 7.2593853375627, 'equitably': 10.075649123305144, 'equity': 7.267969081254092, 'equivalency': 9.313509071258247, 'equivalent': 7.944021828454737, 'er': 9.623663999562087, 'era': 7.065732214759196, 'eradicate': 9.824334695024238, 'eras': 9.623663999562087, 'erasable': 8.977036834637033, 'erase': 5.110808484398522, 'erased': 8.689354762185253, 'eraser': 7.478264490090453, 'erasers': 5.8816747201342015, 'erases': 9.824334695024238, 'erasing': 8.466211210871043, 'ereaders': 9.942117730680621, 'ergonomic': 7.532922902628317, 'ergonomically': 8.886065056431306, 'eric': 7.996207581625308, 'erie': 9.71897417936641, 'erin': 9.382501942745199, 'eritrea': 9.536652622572456, 'ernest': 9.248970550120676, 'erosion': 8.38397311263407, 'errands': 9.536652622572456, 'error': 7.065732214759196, 'errors': 7.744893153344401, 'ers': 10.075649123305144, 'erupt': 9.536652622572456, 'es': 9.382501942745199, 'escalate': 9.248970550120676, 'escalating': 10.075649123305144, 'escape': 5.821050098317767, 'escaped': 9.824334695024238, 'escaping': 8.654263442373983, 'ese': 7.138757349774086, 'esl': 5.212519966317477, 'esol': 6.250118149230441, 'especial': 9.942117730680621, 'especially': 3.746947326150904, 'esperanza': 9.248970550120676, 'essay': 6.868267677862678, 'essays': 5.964775259131832, 'essence': 7.878424545968924, 'essential': 3.9869282394373506, 'essentially': 7.555651153705873, 'essentials': 6.169356792585982, 'establish': 6.488169783632936, 'established': 6.72324190581242, 'establishes': 9.942117730680621, 'establishing': 7.2175382276272, 'establishment': 9.45660991489892, 'estate': 9.536652622572456, 'esteem': 5.362265352676819, 'estimate': 8.84350544201251, 'estimated': 8.93051681900214, 'estimating': 9.45660991489892, 'estimation': 8.58757206787531, 'estrada': 8.620361890698302, 'et': 9.18834592830424, 'etc': 4.450600689191447, 'etch': 10.075649123305144, 'eternally': 9.536652622572456, 'ethic': 6.524391047067255, 'ethical': 8.620361890698302, 'ethically': 9.536652622572456, 'ethics': 8.192917875871363, 'ethiopia': 8.08973363963613, 'ethiopian': 9.824334695024238, 'ethnic': 5.177809323354232, 'ethnically': 6.065721902895626, 'ethnicities': 6.1722344924135975, 'ethnicity': 6.327827133557757, 'etiquette': 8.84350544201251, 'eureka': 9.623663999562087, 'europe': 8.28388965407709, 'european': 8.12973897424983, 'ev3': 8.070315553779029, 'evacuated': 9.824334695024238, 'evaluate': 6.45321476859936, 'evaluated': 9.18834592830424, 'evaluating': 7.996207581625308, 'evaluation': 8.171411670650398, 'evaluations': 9.536652622572456, 'evaluative': 10.075649123305144, 'evans': 8.12973897424983, 'eve': 9.71897417936641, 'even': 2.7056883991748104, 'evening': 7.32107890656804, 'evenings': 8.84350544201251, 'evenly': 9.18834592830424, 'event': 6.012746086917862, 'eventful': 9.942117730680621, 'events': 4.532706316626998, 'eventual': 9.077120293194016, 'eventually': 5.8394743656438255, 'ever': 3.86018424916297, 'everday': 9.824334695024238, 'everest': 9.824334695024238, 'everglades': 9.71897417936641, 'everlasting': 8.58757206787531, 'evernote': 9.942117730680621, 'every': 2.156708603439247, 'everybody': 6.94638545712663, 'everyday': 3.2545416510486787, 'everyone': 3.9268750236616422, 'everyones': 9.45660991489892, 'everything': 3.698193577924376, 'everywhere': 6.195559164980007, 'evidence': 5.8816747201342015, 'evidenced': 8.763462734338976, 'evident': 6.583479963437261, 'evil': 9.382501942745199, 'evoke': 9.942117730680621, 'evolution': 8.051267358808335, 'evolutionary': 9.71897417936641, 'evolve': 7.57890801587014, 'evolved': 8.410641359716232, 'evolves': 8.977036834637033, 'evolving': 6.6010242730881705, 'ewriter': 10.075649123305144, 'ewriters': 9.313509071258247, 'ex': 8.466211210871043, 'exacerbated': 10.075649123305144, 'exact': 7.330211390131313, 'exactly': 5.450676310020873, 'exam': 6.583479963437261, 'examination': 8.620361890698302, 'examinations': 9.623663999562087, 'examine': 6.655583257338606, 'examined': 9.313509071258247, 'examines': 9.942117730680621, 'examining': 7.9785080045259065, 'example': 4.675549062447164, 'examples': 5.256520295579915, 'exams': 6.828602421470246, 'exceed': 6.301247495753045, 'exceeded': 8.237369638442196, 'exceeding': 8.171411670650398, 'exceedingly': 9.536652622572456, 'exceeds': 8.307987205656149, 'excel': 4.9568002445686545, 'excell': 9.71897417936641, 'excelled': 9.248970550120676, 'excellence': 4.981898922498381, 'excellent': 5.092042501596807, 'excelling': 7.446848293857074, 'excels': 9.077120293194016, 'except': 6.679225020395646, 'exception': 7.05871464210055, 'exceptional': 5.7430378481946125, 'exceptionalities': 7.717494179156287, 'exceptionality': 9.45660991489892,

'exceptionally': 7.544222457882251, 'exceptions': 8.58757206787531, 'excercise':
8.977036834637033, 'excerpt': 9.824334695024238, 'excerpts': 8.620361890698302, 'excess':
6.045208363062523, 'excessive': 8.032575225796183, 'excessively': 9.824334695024238, 'exchange': 7
.303060401065363, 'exchanged': 9.824334695024238, 'exchanges': 9.45660991489892, 'exchanging':
8.977036834637033, 'excitable': 8.192917875871363, 'excite': 6.099980852716641, 'excited':
2.568900369684023, 'excitedly': 7.96116261814038, 'excitement': 4.03233786354518, 'excites':
7.416389086372366, 'exciting': 3.5622070806340695, 'excitment': 9.536652622572456, 'exclaim':
8.93051681900214, 'exclaimed': 8.08973363963613, 'exclaims': 10.075649123305144, 'exclamation': 9.
942117730680621, 'excluded': 9.382501942745199, 'exclusion': 10.075649123305144, 'exclusive':
9.248970550120676, 'exclusively': 8.438040333904347, 'excuse': 7.567211976106949, 'excuses':
7.0176129664149975, 'execute': 7.664850445670865, 'executed': 9.536652622572456, 'executing':
8.84350544201251, 'execution': 9.382501942745199, 'executive': 8.150358261452567, 'exemplar':
9.131187514464292, 'exemplars': 9.18834592830424, 'exemplary': 7.690825932074126, 'exemplified': 9
.942117730680621, 'exemplifies': 9.18834592830424, 'exemplify': 8.654263442373983, 'exemplifying':
9.942117730680621, 'exercise': 4.451631617117805, 'exercised': 10.075649123305144, 'exercisers': 9
.248970550120676, 'exercises': 6.11076262831993, 'exercising': 6.278556084550974, 'exert':
8.10953626693231, 'exerting': 10.075649123305144, 'exertion': 9.71897417936641, 'exhaust':
9.45660991489892, 'exhausted': 8.171411670650398, 'exhausting': 8.410641359716232, 'exhibit':
6.806623514751471, 'exhibited': 9.313509071258247, 'exhibiting': 8.466211210871043, 'exhibition':
8.58757206787531, 'exhibitions': 9.077120293194016, 'exhibits': 8.466211210871043, 'exhilarating':
8.977036834637033, 'exist': 6.480295727202031, 'existed': 7.927214710138356, 'existence':
8.12973897424983, 'existent': 7.614840025096203, 'existing': 6.574821900694147, 'exists':
7.377168373219084, 'exit': 7.457211080892621, 'exited': 8.35799762623081, 'exiting':
8.763462734338976, 'exotic': 9.71897417936641, 'expand': 4.395476514288076, 'expanded':
7.285360823965961, 'expanding': 6.065721902895626, 'expands': 7.758879395319141, 'expansion':
7.717494179156287, 'expansive': 9.025826998806465, 'expect': 5.390875886718085, 'expectancy':
9.942117730680621, 'expectation': 6.632487542543956, 'expectations': 4.535506654497317,
'expected': 4.931482436584365, 'expecting': 7.614840025096203, 'expects': 8.763462734338976,
'expedite': 9.382501942745199, 'expedition': 8.410641359716232, 'expeditionary':
8.410641359716232, 'expeditions': 7.927214710138356, 'expel': 8.654263442373983, 'expelled':
9.382501942745199, 'expelling': 9.45660991489892, 'expend': 7.690825932074126, 'expended':
9.942117730680621, 'expending': 9.71897417936641, 'expenditure': 9.824334695024238, 'expense':
7.590742473517143, 'expenses': 7.6395326376865755, 'expensive': 5.708011226083362, 'experience': 2
.687939884224103, 'experienced': 5.204823391765489, 'experiences': 2.893405571372221,
'experiencing': 5.518769226444833, 'experiential': 7.32107890656804, 'experiment':
5.375168757512728, 'experimental': 8.10953626693231, 'experimentation': 7.285360823965961,
'experimented': 8.410641359716232, 'experimenting': 6.66970113888439, 'experiments':
5.095964075249989, 'expert': 7.406438755519197, 'expertise': 7.731099831212066, 'experts':
6.52030106181573, 'expired': 9.824334695024238, 'explain': 5.670673555645717, 'explained':
7.367598922202934, 'explaining': 6.952655070140225, 'explains': 8.307987205656149, 'explanation':
8.171411670650398, 'explanations': 7.80205156718435, 'explanatory': 9.71897417936641, 'explicit':
7.704071158824147, 'explicitly': 8.051267358808335, 'explode': 8.495198747744295, 'exploded':
9.536652622572456, 'explodes': 9.71897417936641, 'exploding': 9.623663999562087, 'exploration': 4.
867725470781615, 'explorations': 7.0176129664149975, 'explorative': 9.382501942745199,
'exploratory': 7.731099831212066, 'explore': 3.0569915697588455, 'explored': 7.0448255299398825, '
explorer': 8.654263442373983, 'explorers': 6.297974170408076, 'explores': 8.171411670650398,
'exploring': 4.630144037685099, 'explosion': 8.725722406356127, 'explosions': 10.075649123305144,
'explosive': 9.536652622572456, 'expo': 7.161746867998785, 'exponential': 8.525051710893976,
'exponentially': 7.717494179156287, 'exponents': 9.942117730680621, 'export': 10.075649123305144,
'expose': 4.971436752091398, 'exposed': 4.444949505387418, 'exposer': 10.075649123305144,
'exposes': 7.652111419893435, 'exposing': 6.0477496604911956, 'exposition': 10.075649123305144, 'e
xpository': 8.35799762623081, 'exposure': 4.526573038409923, 'exposures': 8.237369638442196,
'expound': 10.075649123305144, 'express': 4.372342952539824, 'expressed': 6.25950788958028,
'expresses': 8.58757206787531, 'expressing': 6.4305722918496, 'expression': 5.4326327948269375, 'e
xpressions': 7.690825932074126, 'expressive': 6.574821900694147, 'expressively':
9.824334695024238, 'extend': 5.499466474190305, 'extended': 5.549212977859556, 'extending':
7.8319045303340316, 'extends': 7.787452767763197, 'extension': 6.70835329331867, 'extensions':
7.894424887315365, 'extensive': 6.7537011132971285, 'extensively': 8.55582336956073, 'extent': 7.8
78424545968924, 'exterior': 9.313509071258247, 'external': 7.478264490090453, 'externally':
9.942117730680621, 'extinct': 9.623663999562087, 'extinction': 9.623663999562087, 'extra':
3.746692451675203, 'extracting': 10.075649123305144, 'extracurricular': 6.532621546203771,
'extracurriculars': 9.824334695024238, 'extraordinarily': 8.886065056431306, 'extraordinary':
6.632487542543956, 'extras': 6.828602421470246, 'extreme': 6.178014855329097, 'extremely':
4.016192205043794, 'extremes': 9.942117730680621, 'extrinsic': 9.248970550120676, 'exuberance':
8.93051681900214, 'exuberant': 8.237369638442196, 'exude': 8.58757206787531, 'eye':
5.580612731727536, 'eyed': 6.933629937128073, 'eyes': 4.842251302856423, 'eyestrain':
10.075649123305144, 'ezyrollers': 10.075649123305144, 'fables': 9.025826998806465, 'fabric':
7.590742473517143, 'fabricate': 9.45660991489892, 'fabrication': 9.623663999562087, 'fabrics':
9.623663999562087, 'fabulous': 6.065721902895626, 'fabulously': 9.536652622572456, 'face':
3.199974394929491, 'facebook': 8.495198747744295, 'faced': 4.194717174202163, 'faces':
4.41120165404762, 'facet': 8.495198747744295, 'faceted': 8.3397311263407, 'facetime':
9.536652622572456, 'facets': 7.446848293857074, 'facial': 7.996207581625308, 'facilitate':
5.33694754469253, 'facilitated': 8.10953626693231, 'facilitates': 7.717494179156287,
'facilitating': 7.478264490090453, 'facilitation': 9.71897417936641, 'facilitator':
7.294171453648116, 'facilitators': 9.248970550120676, 'facilities': 7.276627143997207, 'facility':
7.250874647894792, 'facing': 5.619642075633271, 'fact': 4.6620916341048355, 'factor':
6.655583257338606, 'factories': 8.802683447492257, 'factors': 6.012746086917862, 'factory':

7.927214710138356, 'facts': 5.080369217292082, 'factual': 8.620361890698302, 'faculty':
6.362077056600835, 'fade': 8.763462734338976, 'faded': 9.536652622572456, 'fading':
9.45660991489892, 'fahrenheit': 10.075649123305144, 'fail': 6.464731210660919, 'failed':
7.521749602030192, 'failing': 7.0943055872032525, 'fails': 7.878424545968924, 'failure':
6.390347490539091, 'failures': 7.499770695311416, 'fair': 6.010292097956295, 'faire':
9.71897417936641, 'fairfax': 10.075649123305144, 'fairly': 6.6936831035708755, 'fairness':
8.171411670650398, 'fairs': 8.886065056431306, 'fairy': 6.583479963437261, 'fairytale':
9.824334695024238, 'fairytales': 9.536652622572456, 'faith': 8.051267358808335, 'faithfully':
9.623663999562087, 'fake': 7.862676189000785, 'falcons': 9.942117730680621, 'fall':
4.783062431466092, 'fallen': 7.079916849751153, 'falling': 5.53083573785795, 'falls':
7.101578346532332, 'false': 9.248970550120676, 'fame': 9.536652622572456, 'familes':
9.942117730680621, 'familial': 8.654263442373983, 'familiar': 5.3444758111133215, 'familiarity': 7
.664850445670865, 'familiarize': 7.927214710138356, 'familiarizing': 9.536652622572456,
'families': 2.781951402703706, 'family': 3.366867567758586, 'famous': 6.496106333228673, 'fan':
7.8319045303340316, 'fanatics': 9.824334695024238, 'fancy': 7.80205156718435, 'fans':
7.704071158824147, 'fantasies': 9.824334695024238, 'fantastic': 5.1432328040691315, 'fantasy':
7.348730437898551, 'far': 4.497537857154333, 'faraway': 9.536652622572456, 'fare':
9.536652622572456, 'farm': 6.344805470092175, 'farmer': 8.84350544201251, 'farmers':
7.521749602030192, 'farming': 6.327827133557757, 'farmland': 7.927214710138356, 'farms':
6.879895715857797, 'farsi': 8.763462734338976, 'farther': 7.339428045236237, 'farthest':
9.71897417936641, 'fascinate': 9.942117730680621, 'fascinated': 6.984606669946827, 'fascinating':
6.834173466519702, 'fascination': 9.313509071258247, 'fashion': 6.7282544476359645, 'fashioned': 7
.690825932074126, 'fast': 5.382991483193936, 'fasteners': 9.45660991489892, 'faster':
6.0787598972337555, 'fastest': 7.6271101176880185, 'fat': 8.410641359716232, 'fate':
9.248970550120676, 'father': 7.773064030311097, 'fathers': 8.466211210871043, 'fathom':
8.495198747744295, 'fatigue': 8.192917875871363, 'fats': 9.71897417936641, 'faucets':
10.075649123305144, 'fault': 7.927214710138356, 'faulty': 9.313509071258247, 'faux':
10.075649123305144, 'favor': 8.33267981824652, 'favorable': 9.824334695024238, 'favored':
9.824334695024238, 'favorite': 4.338155591306631, 'favorites': 7.03795265065212, 'favors':
10.075649123305144, 'fayetteville': 10.075649123305144, 'fe': 10.075649123305144, 'fear':
6.094633246390046, 'feared': 10.075649123305144, 'fearful': 9.18834592830424, 'fearless':
8.032575225796183, 'fearlessly': 9.248970550120676, 'fears': 7.488959779207201, 'feasible':
8.260359156666894, 'feast': 9.536652622572456, 'feat': 8.35799762623081, 'feathers':
8.58757206787531, 'feats': 9.077120293194016, 'feature': 6.553499131225325, 'featured':
7.862676189000785, 'features': 5.9912403203403925, 'featuring': 8.237369638442196, 'february': 8.1
92917875871363, 'fed': 7.250874647894792, 'federal': 6.460877641344929, 'federally':
8.620361890698302, 'fee': 8.032575225796183, 'feed': 6.204448112397253, 'feedback':
5.324525024693973, 'feeder': 8.051267358808335, 'feeders': 9.45660991489892, 'feeding':
7.16952900844084, 'feeds': 8.802683447492257, 'feel': 2.909162544714401, 'feeling':
4.885076063770209, 'feelings': 5.715283985412441, 'feels': 5.910091932857778, 'fees':
7.773064030311097, 'feet': 5.459115178666737, 'feisty': 9.824334695024238, 'fell':
7.35812017824839, 'fellow': 6.327827133557757, 'felt': 5.993280752129759, 'female':
7.116284493922027, 'females': 7.9785080045259065, 'feminine': 8.886065056431306, 'fence':
8.84350544201251, 'fenced': 9.623663999562087, 'fences': 9.45660991489892, 'fend':
9.18834592830424, 'ferguson': 8.689354762185253, 'fern': 9.623663999562087, 'fernando':
9.623663999562087, 'ferris': 9.942117730680621, 'ferry': 10.075649123305144, 'fertile':
9.824334695024238, 'fertilizer': 9.623663999562087, 'fertilizing': 10.075649123305144, 'fervor': 9
.45660991489892, 'fest': 9.71897417936641, 'festival': 7.944021828454737, 'festivals':
7.9785080045259065, 'fetal': 9.313509071258247, 'fever': 9.313509071258247, 'few':
8.237369638442196, 'fewer': 6.713291574959252, 'ffa': 9.18834592830424, 'fi': 7.996207581625308, '
fiber': 8.725722406356127, 'fibers': 9.536652622572456, 'fiction': 4.815924095950093, 'fictional':
7.079916849751153, 'fidelity': 9.824334695024238, 'fidget': 5.381683438533921, 'fidgeting':
6.321115698969771, 'fidgets': 6.545095720428946, 'fidgety': 6.52030106181573, 'fidgit':
9.824334695024238, 'field': 4.496458526234656, 'fielding': 9.71897417936641, 'fields':
5.756258059622747, 'fieldtrips': 10.075649123305144, 'fieldwork': 10.075649123305144, 'fierce': 9.
025826998806465, 'fiercely': 9.45660991489892, 'fifteen': 7.05871464210055, 'fifth':
4.347871143092727, 'fifty': 6.769285844313827, 'fight': 6.401158406643307, 'fighters':
8.55582336956073, 'fighting': 6.646280864676291, 'fights': 9.025826998806465, 'figit':
9.942117730680621, 'figurative': 7.704071158824147, 'figuratively': 8.977036834637033, 'figure':
5.937059859285285, 'figured': 8.214896782590138, 'figures': 6.940154907375994, 'figurines':
9.313509071258247, 'figuring': 7.250874647894792, 'fiji': 10.075649123305144, 'filament':
7.8319045303340316, 'filaments': 9.623663999562087, 'file': 6.646280864676291, 'filed':
9.382501942745199, 'files': 7.590742473517143, 'filing': 8.150358261452567, 'filipino':
7.84717200246482, 'fill': 5.210314893759163, 'filled': 4.315846448466029, 'filler':
9.623663999562087, 'fillers': 9.077120293194016, 'filling': 6.48422500534192, 'fills':
7.944021828454737, 'film': 6.362077056600835, 'filmed': 9.248970550120676, 'filming':
7.944021828454737, 'filmmakers': 9.824334695024238, 'filmmaking': 9.45660991489892, 'films':
7.377168373219084, 'filter': 7.961116261814038, 'filtered': 9.131187514464292, 'filtering':
9.18834592830424, 'filters': 7.704071158824147, 'filthy': 9.942117730680621, 'filtration':
9.025826998806465, 'final': 5.658531168819992, 'finale': 9.71897417936641, 'finalize':
9.313509071258247, 'finalized': 10.075649123305144, 'finally': 4.889061720700413, 'finance':
7.927214710138356, 'finances': 7.087085339229765, 'financial': 4.893865573013058, 'financially': 5
.7696655389194568, 'financing': 10.075649123305144, 'find': 3.165610738308438, 'finder':
9.942117730680621, 'finders': 9.942117730680621, 'finding': 4.806319293630359, 'findings':
6.027597845053887, 'finds': 7.6395326376865755, 'fine': 4.7429303300397745, 'finer':
9.824334695024238, 'fines': 9.71897417936641, 'finest': 8.525051710893976, 'finger':
6.592213643406016, 'fingerprint': 9.71897417936641, 'fingerprinting': 10.075649123305144,

'fingerprints': 8.93051681900214, 'fingers': 6.570520818794757, 'fingertips': 5.688279644220766, 'finish': 5.456294302325095, 'finished': 5.84777316845852, 'finisher': 9.025826998806465, 'finishers': 8.150358261452567, 'finishes': 8.725722406356127, 'finishing': 7.193245535058156, 'fire': 5.495064412789667, 'fired': 7.961116261814038, 'firefighter': 9.942117730680621, 'firefighters': 8.55582336956073, 'fireman': 9.623663999562087, 'firemen': 10.075649123305144, 'fires': 6.637064209571368, 'fireworks': 10.075649123305144, 'firing': 9.131187514464292, 'firm': 6.823062241094631, 'firmly': 7.2593853375627, 'first': 2.5483932039313597, 'firsthand': 7.367598922202934, 'firsties': 7.80205156718435, 'firstly': 9.536652622572456, 'firsts': 9.131187514464292, 'fiscal': 9.71897417936641, 'fish': 6.614387500900338, 'fisherman': 10.075649123305144, 'fishing': 7.436591793689885, 'fist': 8.525051710893976, 'fit': 4.510034623969592, 'fitbit': 7.185277365408979, 'fitbits': 7.276627143997207, 'fitdesk': 10.075649123305144, 'fitness': 5.008543482720827, 'fitnessgram': 9.536652622572456, 'fitpro': 9.623663999562087, 'fits': 6.073524283179811, 'fitted': 9.623663999562087, 'fitting': 7.567211976106949, 'fitzgerald': 10.075649123305144, 'fitzwater': 10.075649123305144, 'five': 4.248385591877922, 'fives': 7.910685408187145, 'fix': 6.7332922416659216, 'fixed': 7.521749602030192, 'fixes': 9.942117730680621, 'fixing': 8.58757206787531, 'fixture': 9.824334695024238, 'fixtures': 9.623663999562087, 'fl': 8.070315553779029, 'flag': 7.878424545968924, 'flags': 8.237369638442196, 'flagship': 9.623663999562087, 'flair': 8.977036834637033, 'flakes': 9.71897417936641, 'flame': 8.525051710893976, 'flames': 10.075649123305144, 'flannel': 9.313509071258247, 'flare': 9.71897417936641, 'flash': 6.524391047067255, 'flashcards': 7.567211976106949, 'flashes': 9.71897417936641, 'flashing': 9.824334695024238, 'flashlight': 8.38397311263407, 'flashlights': 8.014226087127986, 'flashy': 9.942117730680621, 'flat': 7.1540248219048745, 'flatbush': 9.382501942745199, 'flavor': 9.077120293194016, 'flavored': 10.075649123305144, 'flavors': 9.623663999562087, 'flaws': 9.536652622572456, 'fled': 9.71897417936641, 'fledged': 9.824334695024238, 'flee': 9.824334695024238, 'fleece': 9.536652622572456, 'fleeing': 9.45660991489892, 'fleming': 9.536652622572456, 'fletcher': 10.075649123305144, 'flex': 7.717494179156287, 'flexibility': 5.596690248455069, 'flexible': 3.8155215095816426, 'flexibly': 8.977036834637033, 'flickering': 10.075649123305144, 'fliers': 9.131187514464292, 'flies': 8.763462734338976, 'flight': 7.744893153344401, 'flights': 9.71897417936641, 'flimsy': 9.025826998806465, 'flint': 8.525051710893976, 'flip': 6.839775722068372, 'flipbooks': 10.075649123305144, 'flipped': 7.816866652969491, 'flipping': 8.410641359716232, 'flips': 9.824334695024238, 'fll': 9.248970550120676, 'float': 8.070315553779029, 'floating': 8.525051710893976, 'floats': 10.075649123305144, 'flocabulary': 8.84350544201251, 'flock': 9.45660991489892, 'flood': 6.369070092091806, 'flooded': 7.242435779248927, 'flooding': 7.1540248219048745, 'floods': 8.725722406356127, 'floor': 4.284815589906961, 'floored': 9.71897417936641, 'flooring': 8.802683447492257, 'floors': 7.367598922202934, 'flora': 9.71897417936641, 'florence': 8.977036834637033, 'florescent': 8.58757206787531, 'florida': 5.793048268769273, 'floss': 9.248970550120676, 'flour': 9.623663999562087, 'flourish': 6.25950788958028, 'flourished': 9.382501942745199, 'flourishes': 9.623663999562087, 'flourishing': 8.38397311263407, 'flow': 5.613030481300958, 'flower': 7.6271101176880185, 'flowering': 10.075649123305144, 'flowers': 7.1540248219048745, 'flowing': 7.031126685581721, 'flows': 8.525051710893976, 'flu': 8.35799762623081, 'fluctuates': 9.824334695024238, 'fluency': 4.395964200228002, 'fluent': 5.42851473821802, 'fluently': 6.566238157002755, 'fluffy': 9.536652622572456, 'fluid': 7.677753850506773, 'fluidity': 9.824334695024238, 'fluidly': 10.075649123305144, 'fluorescent': 7.590742473517143, 'flurry': 9.824334695024238, 'flute': 8.763462734338976, 'flutes': 9.077120293194016, 'fly': 6.903565459943701, 'flyer': 9.942117730680621, 'flyers': 8.070315553779029, 'flying': 7.510699765843607, 'fm': 10.075649123305144, 'fo': 9.942117730680621, 'foam': 6.6936831035708755, 'focal': 7.862676189000785, 'focus': 2.8753308458515185, 'focused': 3.7880561321264627, 'focuses': 5.408175053980897, 'focusing': 4.754033844532286, 'focussed': 9.824334695024238, 'fog': 9.824334695024238, 'foil': 8.977036834637033, 'fold': 7.330211390131313, 'foldable': 8.84350544201251, 'foldables': 7.717494179156287, 'folded': 8.93051681900214, 'folder': 6.383204603026711, 'folders': 5.420329153631581, 'folding': 7.80205156718435, 'folk': 8.051267358808335, 'folklore': 10.075649123305144, 'folks': 9.313509071258247, 'folktale': 10.075649123305144, 'folktales': 8.802683447492257, 'follow': 4.780909578104991, 'followed': 7.386830284130821, 'following': 5.284592314358601, 'follows': 7.20937491698804, 'fond': 8.495198747744295, 'fondest': 9.45660991489892, 'fondly': 9.313509071258247, 'fondness': 9.942117730680621, 'font': 9.077120293194016, 'fonts': 9.248970550120676, 'food': 4.075649673747324, 'foodie': 10.075649123305144, 'foods': 6.063134579330675, 'fool': 8.802683447492257, 'foot': 6.0787598972337555, 'footage': 8.28388965407709, 'football': 6.175120497302733, 'footballs': 7.532922902628317, 'foothills': 7.8319045303340316, 'footing': 8.886065056431306, 'footprint': 8.12973897424983, 'footprints': 9.382501942745199, 'footrest': 8.886065056431306, 'footsteps': 9.131187514464292, 'footwear': 9.71897417936641, 'footwork': 9.623663999562087, 'for': 3.512801559765321, 'forbes': 10.075649123305144, 'force': 5.668929876040891, 'forced': 6.317776797704256, 'forces': 6.684021192659139, 'forcing': 8.171411670650398, 'ford': 9.025826998806465, 'fore': 9.71897417936641, 'forecast': 9.824334695024238, 'forecasting': 9.942117730680621, 'forefront': 7.20937491698804, 'foreign': 6.7537011132971285, 'foremost': 7.862676189000785, 'forensic': 8.38397311263407, 'forensics': 8.689354762185253, 'foresee': 8.802683447492257, 'foreseeable': 9.71897417936641, 'foreshadowing': 9.824334695024238, 'forest': 7.704071158824147, 'forests': 8.93051681900214, 'forever': 6.010292097956295, 'forge': 8.495198747744295, 'forged': 9.71897417936641, 'forget': 5.438150050201692, 'forgets': 9.824334695024238, 'forgetting': 8.84350544201251, 'forging': 9.248970550120676, 'forgive': 10.075649123305144, 'forgiveness': 9.942117730680621, 'forgiving': 9.382501942745199, 'forgo': 10.075649123305144, 'forgot': 8.55582336956073, 'forgotten': 7.185277365408979, 'fork': 8.93051681900214, 'forks': 9.71897417936641, 'form': 4.708338885270155, 'formal': 6.183828825194517, 'formalities': 10.075649123305144, 'formally': 8.886065056431306, 'format': 6.180917614987059, 'formation': 7.0176129664149975, 'formations': 8.802683447492257,

'formative': 7.555651153705873, 'formats': 7.303060401065363, 'formatted': 10.075649123305144, 'formatting': 9.536652622572456, 'formed': 7.05871464210055, 'former': 6.806623514751471, 'formerly': 8.886065056431306, 'formidable': 9.71897417936641, 'forming': 6.9911213509680215, 'forms': 5.567934273467765, 'formula': 8.525051710893976, 'formulas': 8.55582336956073, 'formulate': 7.80205156718435, 'formulating': 9.313509071258247, 'fort': 8.150358261452567, 'forth': 5.674170062704446, 'fortitude': 9.248970550120676, 'forts': 10.075649123305144, 'fortunate': 4.836930119643142, 'fortunately': 7.488959779207201, 'fortune': 8.654263442373983, 'forty': 6.95896423933349, 'forum': 8.58757206787531, 'forums': 9.942117730680621, 'forward': 4.005571461333219, 'forwards': 9.942117730680621, 'foss': 9.824334695024238, 'fossil': 8.802683447492257, 'fossils': 8.35799762623081, 'foster': 4.137736057468304, 'fostered': 7.467682380759916, 'fostering': 6.262657498483176, 'fosters': 6.149441482885041, 'fought': 8.725722406356127, 'found': 4.30688179855953, 'foundation': 4.483064272946992, 'foundational': 5.8816747201342015, 'foundations': 6.623396570842704, 'founded': 8.10953626693231, 'founder': 9.536652622572456, 'founders': 10.075649123305144, 'founding': 7.944021828454737, 'fountain': 8.08973363963613, 'fountains': 9.18834592830424, 'fountas': 9.18834592830424, 'four': 4.2383352560244205, 'fourteen': 8.08973363963613, 'fourth': 4.426171993506484, 'fourths': 8.886065056431306, 'fox': 9.313509071258247, 'fraction': 6.909571484003914, 'fractional': 9.824334695024238, 'fractions': 6.262657498483176, 'fractured': 9.71897417936641, 'fragile': 7.787452767763197, 'frame': 6.891660557437383, 'framed': 9.248970550120676, 'frames': 6.891660557437383, 'framework': 7.478264490090453, 'frameworks': 8.689354762185253, 'framing': 9.942117730680621, 'france': 8.495198747744295, 'francisco': 7.285360823965961, 'francophone': 9.942117730680621, 'frank': 8.08973363963613, 'frankenstein': 9.248970550120676, 'frankford': 10.075649123305144, 'franklin': 6.468599687438839, 'frankly': 8.58757206787531, 'fray': 10.075649123305144, 'frayed': 9.313509071258247, 'fraying': 9.623663999562087, 'frc': 9.824334695024238, 'fred': 8.051267358808335, 'frederick': 8.886065056431306, 'free': 2.215298735585433, 'freed': 9.313509071258247, 'freedom': 5.216944752297834, 'freedoms': 9.382501942745199, 'freeing': 8.977036834637033, 'freely': 6.012746086917862, 'frees': 8.93051681900214, 'freeze': 8.438040333904347, 'freezes': 9.18834592830424, 'freezing': 8.802683447492257, 'french': 7.03795265065212, 'frenzy': 10.075649123305144, 'frequency': 7.2593853375627, 'frequent': 6.297974170408076, 'frequently': 5.496529614516994, 'fresh': 5.571088850216281, 'freshly': 8.620361890698302, 'freshman': 7.276627143997207, 'freshmen': 7.303060401065363, 'fresno': 9.45660991489892, 'friction': 8.466211210871043, 'frida': 9.536652622572456, 'friday': 6.219440896988394, 'fridays': 7.1540248219048745, 'fridge': 8.763462734338976, 'friend': 5.932514396913611, 'friendly': 5.05931580809425, 'friends': 4.431717760177799, 'friendship': 6.764063900332675, 'friendships': 6.438062963578758, 'fright': 10.075649123305144, 'frightening': 9.536652622572456, 'frighteningly': 9.942117730680621, 'frisbee': 8.886065056431306, 'frisbees': 8.525051710893976, 'frivolous': 9.942117730680621, 'frizzle': 9.536652622572456, 'fro': 9.18834592830424, 'frog': 7.467682380759916, 'frogs': 7.910685408187145, 'from': 4.791720494209207, 'front': 4.981022882144501, 'frontier': 9.45660991489892, 'frontrow': 9.942117730680621, 'frontrowed': 9.824334695024238, 'frost': 9.313509071258247, 'frozen': 8.689354762185253, 'fruit': 6.583479963437261, 'fruitful': 9.71897417936641, 'fruition': 8.237369638442196, 'fruits': 6.52030106181573, 'fruitvale': 9.248970550120676, 'frustrate': 8.84350544201251, 'frustrated': 5.907877092528226, 'frustrates': 10.075649123305144, 'frustrating': 6.41575720606446, 'frustration': 6.0554125332367645, 'frustrations': 7.544222457882251, 'fry': 9.71897417936641, 'fsa': 8.802683447492257, 'ft': 8.654263442373983, 'fuel': 6.383204603026711, 'fueled': 8.032575225796183, 'fueling': 8.93051681900214, 'fuels': 8.10953626693231, 'fufill': 10.075649123305144, 'fujifilm': 10.075649123305144, 'fulfill': 6.099980852716641, 'fulfilled': 7.744893153344401, 'fulfilling': 6.933962937128073, 'fulfillment': 8.35799762623081, 'fulfills': 8.977036834637033, 'fulghum': 9.382501942745199, 'full': 3.0589113246198965, 'fuller': 8.886065056431306, 'fullest': 5.941626077264867, 'fully': 4.619717693616627, 'fulton': 9.536652622572456, 'fun': 2.593610640568741, 'function': 5.452077851946161, 'functional': 5.661985403688079, 'functionality': 8.410641359716232, 'functionally': 9.382501942745199, 'functioning': 5.845692002254696, 'functions': 6.284986974881265, 'fund': 5.471908530126647, 'fundamental': 6.099980852716641, 'fundamentally': 9.536652622572456, 'fundamentals': 6.698549293222048, 'fundations': 9.71897417936641, 'funded': 4.712346906667694, 'funding': 4.021545178682386, 'fundraise': 8.886065056431306, 'fundraiser': 8.171411670650398, 'fundraisers': 7.555651153705873, 'fundraising': 7.2175382276272, 'funds': 4.659548721100723, 'funky': 9.824334695024238, 'funnel': 9.382501942745199, 'funneling': 9.942117730680621, 'funnels': 9.623663999562087, 'funniest': 9.025826998806465, 'funny': 5.3597045318151455, 'fur': 9.71897417936641, 'furnish': 8.977036834637033, 'furnished': 9.248970550120676, 'furnishing': 9.71897417936641, 'furnishings': 9.18834592830424, 'furniture': 5.474773861599933, 'furry': 10.075649123305144, 'further': 7.555651153705873, 'furthered': 9.824334695024238, 'furthering': 7.996207581625308, 'furthermore': 6.132681314027576, 'furthers': 10.075649123305144, 'furthest': 9.536652622572456, 'fuse': 9.313509071258247, 'fusing': 9.824334695024238, 'fusion': 9.942117730680621, 'futon': 8.55582336956073, 'future': 3.035863577824751, 'futures': 5.445089703312233, 'futuristic': 9.623663999562087, 'fuzzy': 9.18834592830424, 'ga': 7.961116261814038, 'gadget': 9.18834592830424, 'gadgets': 7.488959779207201, 'gafe': 9.71897417936641, 'gaiam': 8.192917875871363, 'gail': 9.536652622572456, 'gaiman': 9.536652622572456, 'gain': 4.141889357756168, 'gained': 6.7332922416659216, 'gainful': 9.536652622572456, 'gaining': 6.097303474945925, 'gains': 5.955451182256709, 'galaxies': 9.71897417936641, 'galaxy': 7.944021828454737, 'gallagher': 9.942117730680621, 'galleries': 8.93051681900214, 'gallery': 7.731099831212066, 'gallon': 8.620361890698302, 'galore': 9.536652622572456, 'galvez': 10.075649123305144, 'game': 4.456283990461525, 'gameplay': 9.824334695024238, 'gamer': 9.623663999562087, 'gamers': 8.802683447492257, 'games': 3.4170880728371587, 'gamification': 10.075649123305144, 'gaming': 6.817552585283662, 'gamut': 8.802683447492257, 'gandhi': 9.131187514464292, 'gang': 6.6010242730881705, 'gangs': 7.16952900844084, 'gap': 4.76808888967593, 'gaps': 5.543049630151888,

'garage': 8.08973363963613, 'garageband': 9.18834592830424, 'garbage': 8.495198747744295, 'garden': 5.550759768577855, 'gardena': 10.075649123305144, 'gardeners': 9.45660991489892, 'gardening': 6.570520818794757, 'gardens': 7.101578346532332, 'gardner': 8.886065056431306, 'garfield': 9.824334695024238, 'garland': 9.942117730680621, 'garmin': 9.45660991489892, 'garner': 9.71897417936641, 'garrison': 9.248970550120676, 'gary': 9.45660991489892, 'gas': 7.84717200246482, 'gases': 9.45660991489892, 'gasp': 9.623663999562087, 'gate': 7.478264490090453, 'gates': 7.878424545968924, 'gateway': 7.108904386624405, 'gateways': 10.075649123305144, 'gather': 5.591839794321319, 'gathered': 7.532922902628317, 'gathering': 6.500098354498211, 'gatherings': 9.71897417936641, 'gathers': 9.824334695024238, 'gator': 9.248970550120676, 'gatorade': 9.382501942745199, 'gatsby': 9.248970550120676, 'gauge': 8.466211210871043, 'gave': 6.7332922416659216, 'gay': 9.824334695024238, 'gaze': 9.313509071258247, 'gb': 10.075649123305144, 'gear': 6.856773298436943, 'geared': 6.355132584248024, 'gearing': 8.93051681900214, 'gears': 7.664850445670865, 'ged': 9.71897417936641, 'geek': 9.824334695024238, 'geeks': 10.075649123305144, 'geese': 9.45660991489892, 'gel': 7.6395326376865755, 'gelli': 9.623663999562087, 'gem': 8.33267981824652, 'gems': 8.93051681900214, 'gen': 9.313509071258247, 'gender': 6.891660557437383, 'gendered': 10.075649123305144, 'genders': 8.886065056431306, 'gene': 9.45660991489892, 'general': 4.4429024217656945, 'generalization': 9.077120293194016, 'generalize': 8.150358261452567, 'generalized': 9.942117730680621, 'generalizing': 9.45660991489892, 'generally': 6.45321476859936, 'generate': 6.806623514751471, 'generated': 7.677753850506773, 'generates': 9.077120293194016, 'generating': 8.014226087127986, 'generation': 4.827122421260123, 'generational': 7.478264490090453, 'generations': 6.291459489386883, 'generator': 9.131187514464292, 'generators': 9.942117730680621, 'generic': 9.623663999562087, 'generosity': 5.7392925254644505, 'generous': 4.6307607506247805, 'generously': 7.910685408187145, 'genes': 10.075649123305144, 'genetic': 8.10953626693231, 'genetics': 8.171411670650398, 'genius': 6.532621546203771, 'geniuses': 8.802683447492257, 'genocide': 10.075649123305144, 'genre': 6.445610169214141, 'genres': 5.471908530126647, 'gentle': 8.08973363963613, 'gentlemen': 8.525051710893976, 'gently': 7.773064030311097, 'gentrification': 9.45660991489892, 'genuine': 6.549288598688982, 'genuinely': 6.9911213509680215, 'genuis': 9.942117730680621, 'geo': 9.45660991489892, 'geoboard': 9.71897417936641, 'geoboards': 9.313509071258247, 'geocaching': 9.824334695024238, 'geodes': 9.942117730680621, 'geogebra': 9.71897417936641, 'geographic': 7.614840025096203, 'geographical': 8.192917875871363, 'geographically': 8.93051681900214, 'geography': 6.438062963578758, 'geologic': 9.71897417936641, 'geological': 9.824334695024238, 'geologists': 9.313509071258247, 'geology': 8.802683447492257, 'geometric': 7.16952900844084, 'geometrical': 9.382501942745199, 'geometry': 6.253238276566685, 'george': 7.138757349774086, 'georgia': 6.362077056600835, 'geostix': 9.824334695024238, 'gerald': 9.71897417936641, 'germ': 7.758879395319141, 'german': 8.260359156666894, 'germany': 8.886065056431306, 'germinate': 9.942117730680621, 'germination': 9.942117730680621, 'germs': 6.99767875151418, 'geronimo': 9.824334695024238, 'gesture': 9.131187514464292, 'gestures': 7.944021828454737, 'get': 2.156448788945333, 'getepic': 9.623663999562087, 'gets': 4.924837893865696, 'getters': 8.763462734338976, 'getting': 3.6128425572803033, 'ghana': 9.077120293194016, 'ghandi': 9.71897417936641, 'ghost': 9.536652622572456, 'giant': 6.688840479095088, 'gibbons': 9.824334695024238, 'giddy': 10.075649123305144, 'gift': 5.4423080603503555, 'gifted': 4.615455891123442, 'gifting': 9.623663999562087, 'gifts': 6.376112374717219, 'gigantic': 8.93051681900214, 'giggle': 8.070315553779029, 'giggles': 8.260359156666894, 'giggling': 8.802683447492257, 'giggly': 9.942117730680621, 'gilbert': 9.536652622572456, 'gillingham': 9.623663999562087, 'gingerbread': 9.131187514464292, 'girl': 6.6936831035708755, 'girls': 4.651958551834047, 'give': 2.4398622619095596, 'given': 3.5622070806340695, 'giver': 8.33267981824652, 'givers': 10.075649123305144, 'gives': 4.409222435192712, 'giving': 3.764692423386145, 'giza': 10.075649123305144, 'gizmo': 9.824334695024238, 'gizmos': 8.93051681900214, 'glad': 7.521749602030192, 'gladly': 8.84350544201251, 'glamorous': 9.623663999562087, 'glance': 8.014226087127986, 'glare': 9.131187514464292, 'glass': 7.521749602030192, 'glasses': 7.348730437898551, 'glassware': 9.131187514464292, 'glaze': 8.725722406356127, 'glazes': 8.466211210871043, 'glazing': 10.075649123305144, 'glean': 9.536652622572456, 'glee': 9.71897417936641, 'glen': 9.942117730680621, 'glide': 9.824334695024238, 'gliders': 9.942117730680621, 'glimmer': 10.075649123305144, 'glimpse': 7.457211080892621, 'glimpses': 9.824334695024238, 'glitches': 9.942117730680621, 'glitter': 7.80205156718435, 'global': 5.19718560231737, 'globalization': 9.536652622572456, 'globalized': 9.536652622572456, 'globally': 7.116284493922027, 'globe': 6.512170935732479, 'globes': 8.802683447492257, 'glockenspiels': 9.382501942745199, 'gloomiest': 9.45660991489892, 'gloomy': 10.075649123305144, 'glorious': 9.131187514464292, 'glory': 9.313509071258247, 'gloss': 10.075649123305144, 'glossary': 9.536652622572456, 'glove': 8.977036834637033, 'gloves': 7.0042794355455325, 'glow': 7.894424887315365, 'glowing': 9.623663999562087, 'glucose': 9.942117730680621, 'glue': 5.470478937317052, 'glued': 8.260359156666894, 'glueing': 10.075649123305144, 'glues': 9.71897417936641, 'gluesticks': 9.942117730680621, 'gluing': 8.051267358808335, 'gluten': 9.824334695024238, 'gmail': 9.623663999562087, 'gmo': 10.075649123305144, 'go': 3.0151727573053426, 'goal': 2.915468921758073, 'goalie': 9.45660991489892, 'goals': 3.5225300515718905, 'goat': 10.075649123305144, 'goats': 8.08973363963613, 'gobble': 9.71897417936641, 'gobbled': 10.075649123305144, 'god': 8.014226087127986, 'gods': 9.45660991489892, 'goes': 5.164045209815066, 'goggle': 8.725722406356127, 'goggles': 7.446848293857074, 'gogh': 8.55582336956073, 'going': 3.6964955787292597, 'goings': 10.075649123305144, 'gold': 6.885760835310195, 'goldberg': 8.84350544201251, 'golden': 8.237369638442196, 'goldfish': 8.10953626693231, 'goldilocks': 8.38397311263407, 'golf': 7.927214710138356, 'gone': 5.702591158614022, 'gonna': 9.536652622572456, 'gonoodle': 7.348730437898551, 'good': 3.4546239890494053, 'goodall': 9.536652622572456, 'goodbye': 8.171411670650398, 'goodies': 8.55582336956073, 'goodness': 8.689354762185253, 'goods': 7.704071158824147, 'goodwill': 9.382501942745199, 'goofy': 8.38397311263407, 'google': 4.6749041091839185, 'googledocs': 9.077120293194016, 'googles':

9.942117730680621, 'googly': 9.536652622572456, 'goose': 9.536652622572456, 'goosebumps': 9.536652622572456, 'gopro': 8.410641359716232, 'gordon': 9.623663999562087, 'gorgeous': 9.313509071258247, 'gorilla': 9.824334695024238, 'got': 5.660256794787462, 'gotta': 9.536652622572456, 'gotten': 6.70835329331867, 'gov': 9.623663999562087, 'government': 6.256368169575612, 'governments': 10.075649123305144, 'governor': 10.075649123305144, 'gpa': 8.466211210871043, 'gps': 8.93051681900214, 'gr': 9.824334695024238, 'grab': 6.210418279383757, 'grabbed': 9.623663999562087, 'grabbing': 8.38397311263407, 'grabs': 8.84350544201251, 'grace': 8.192917875871363, 'gracefully': 9.45660991489892, 'gracias': 9.824334695024238, 'gracious': 7.996207581625308, 'graciously': 8.495198747744295, 'grad': 9.71897417936641, 'grade': 2.119422631895285, 'graded': 8.014226087127986, 'grader': 6.253238276566685, 'graders': 2.835921513024646, 'grades': 3.8265015814653798, 'grading': 7.996207581625308, 'gradual': 9.536652622572456, 'gradually': 7.944021828454737, 'graduate': 5.42168877314762, 'graduated': 7.20937491698804, 'graduates': 6.984606669946827, 'graduating': 6.812073119519036, 'graduation': 5.948514738260052, 'graffiti': 8.55582336956073, 'graham': 8.93051681900214, 'grain': 8.93051681900214, 'grains': 9.536652622572456, 'gram': 10.075649123305144, 'grammar': 6.129915060534685, 'grammatical': 9.536652622572456, 'grammatically': 9.942117730680621, 'grams': 10.075649123305144, 'grand': 7.467682380759916, 'grandchildren': 8.93051681900214, 'grande': 9.45660991489892, 'grandin': 9.025826998806465, 'grandma': 8.886065056431306, 'grandmaster': 9.824334695024238, 'grandmother': 9.077120293194016, 'grandpa': 9.71897417936641, 'grandparent': 7.242435779248927, 'grandparents': 5.704394585613173, 'granola': 7.652111419893435, 'grant': 5.249623716520855, 'granted': 5.720773477697213, 'granting': 9.248970550120676, 'grants': 6.812073119519036, 'grape': 10.075649123305144, 'graph': 6.623396570842704, 'graphed': 9.71897417936641, 'graphic': 5.4149090861622415, 'graphical': 9.025826998806465, 'graphically': 9.942117730680621, 'graphics': 6.95896423933349, 'graphing': 6.516227736428094, 'graphite': 10.075649123305144, 'graphs': 6.297974170408076, 'grapple': 8.525051710893976, 'grappling': 9.248970550120676, 'grasp': 5.64653445253236, 'grasped': 8.725722406356127, 'grasping': 7.590742473517143, 'grasps': 9.313509071258247, 'grass': 8.051267358808335, 'grassroots': 10.075649123305144, 'grassy': 9.248970550120676, 'grateful': 5.335698325292098, 'gratefully': 9.942117730680621, 'gratification': 8.525051710893976, 'gratifying': 8.466211210871043, 'gratitude': 7.758879395319141, 'gratitudenannan': 9.942117730680621, 'gravel': 9.45660991489892, 'graveyard': 9.45660991489892, 'gravitate': 7.862676189000785, 'gravitational': 10.075649123305144, 'gravity': 7.510699765843607, 'gray': 8.620361890698302, 'grease': 9.077120293194016, 'great': 2.607951579074857, 'greater': 4.823375695258514, 'greatest': 5.4805292731705535, 'greatly': 3.9753301712850795, 'greatness': 6.284986974881265, 'greece': 8.55582336956073, 'greed': 9.942117730680621, 'greek': 7.690825932074126, 'green': 5.9577740063672849, 'greene': 9.248970550120676, 'greener': 9.313509071258247, 'greenhouse': 7.57890801587014, 'greenhouses': 9.71897417936641, 'greens': 9.131187514464292, 'greenville': 8.55582336956073, 'greet': 6.127156438095606, 'greeted': 6.758869083455571, 'greeting': 7.285360823965961, 'greetings': 8.10953626693231, 'greets': 9.71897417936641, 'greg': 9.623663999562087, 'gregarious': 9.623663999562087, 'grew': 6.7537011132971285, 'grey': 9.313509071258247, 'grid': 8.12973897424983, 'grids': 9.313509071258247, 'grief': 9.248970550120676, 'griffin': 10.075649123305144, 'grin': 9.623663999562087, 'grind': 9.131187514464292, 'grins': 9.45660991489892, 'grip': 7.330211390131313, 'gripping': 9.623663999562087, 'grips': 8.09973363963613, 'grit': 6.679225020395646, 'gritty': 8.886065056431306, 'gro': 9.71897417936641, 'groan': 8.886065056431306, 'groans': 9.025826998806465, 'groceries': 8.84350544201251, 'grocery': 7.138757349774086, 'groomed': 9.942117730680621, 'grooming': 8.525051710893976, 'groove': 7.996207581625308, 'grooves': 10.075649123305144, 'grooving': 8.802683447492257, 'gross': 5.791077824781975, 'ground': 5.9956932985351425, 'groundbreaking': 8.84350544201251, 'grounded': 8.410641359716232, 'grounds': 7.8319045303340316, 'groundwork': 8.84350544201251, 'group': 2.410632339727217, 'grouped': 7.386830284130821, 'grouping': 7.2593853375627, 'groupings': 8.12973897424983, 'groups': 3.280422849459445, 'grove': 8.620361890698302, 'grow': 3.1248343548625592, 'growers': 10.075649123305144, 'growing': 3.9220049899840927, 'growling': 8.725722406356127, 'grown': 5.464780916202415, 'grownups': 9.623663999562087, 'grows': 6.524391047067255, 'growth': 3.804660691446844, 'growths': 9.536652622572456, 'grueling': 9.536652622572456, 'gruff': 8.620361890698302, 'grumble': 10.075649123305144, 'grumbling': 9.131187514464292, 'grumpy': 9.824334695024238, 'gt': 8.10953626693231, 'guarantee': 7.406438755519197, 'guaranteed': 7.717494179156287, 'guarantees': 8.977036834637033, 'guard': 8.014226087127986, 'guardian': 8.28388965407709, 'guardians': 7.2175382276272, 'guardianship': 9.942117730680621, 'guards': 8.654263442373983, 'guatemala': 7.416389086372366, 'guatemalan': 9.942117730680621, 'guess': 7.457211080892621, 'guessing': 9.382501942745199, 'guest': 7.744893153344401, 'guests': 8.410641359716232, 'guidance': 5.9439170290114225, 'guide': 5.149431171021471, 'guided': 4.836930119643142, 'guidelines': 7.521749602030192, 'guides': 6.9911213509680215, 'guiding': 7.072799381982288, 'guild': 10.075649123305144, 'guilty': 9.824334695024238, 'guinea': 8.410641359716232, 'guitar': 7.087085339229765, 'guitars': 7.862676189000785, 'gujarati': 9.942117730680621, 'gulf': 8.84350544201251, 'gum': 8.93051681900214, 'gummy': 9.824334695024238, 'gun': 8.237369638442196, 'guns': 8.886065056431306, 'gunshots': 9.18834592830424, 'guru': 9.71897417936641, 'gurus': 9.824334695024238, 'gusto': 8.84350544201251, 'gut': 10.075649123305144, 'guts': 9.942117730680621, 'gutted': 9.623663999562087, 'guy': 8.466211210871043, 'guyana': 9.71897417936641, 'guys': 8.032575225796183, 'gym': 5.704394585613173, 'gymnasium': 7.567211976106949, 'gymnastics': 8.28388965407709, 'gymnasts': 9.824334695024238, 'gyms': 8.802683447492257, 'ha': 8.051267358808335, 'habit': 6.97170326511092, 'habitat': 7.16952900844084, 'habitats': 6.9911213509680215, 'habits': 5.322058932198779, 'hack': 9.824334695024238, 'hacky': 9.942117730680621, 'had': 10.075649123305144, 'haiku': 9.623663999562087, 'hail': 7.878424545968924, 'hailing': 8.886065056431306, 'hair': 7.436591793689885, 'haircuts': 10.075649123305144, 'hairspray': 9.382501942745199, 'haiti': 7.894424887315365, 'haitian': 7.84717200246482, 'hale': 10.075649123305144, 'half':

4.508941727685946, 'halftime': 9.623663999562087, 'halfway': 8.10953626693231, 'hall': 7.0176129664149975, 'halloween': 8.93051681900214, 'halls': 7.116284493922027, 'hallway': 6.632487542543956, 'hallways': 6.909571484003914, 'halmos': 9.824334695024238, 'halse': 9.824334695024238, 'ham': 9.18834592830424, 'hamilton': 8.886065056431306, 'hammer': 9.536652622572456, 'hammering': 9.824334695024238, 'hammock': 9.71897417936641, 'hammond': 9.942117730680621, 'hamper': 9.71897417936641, 'hampered': 9.313509071258247, 'hampers': 9.824334695024238, 'hampshire': 8.84350544201251, 'hamster': 9.71897417936641, 'hamsters': 10.075649123305144, 'hand': 4.012528587290726, 'handball': 8.620361890698302, 'handbook': 9.71897417936641, 'handed': 7.294171453648116, 'handful': 6.879895715857797, 'handheld': 7.80205156718435, 'handicap': 9.025826998806465, 'handicapped': 8.307987205656149, 'handicapping': 9.71897417936641, 'handicaps': 8.93051681900214, 'handing': 9.025826998806465, 'handle': 6.240815756568128, 'handled': 8.763462734338976, 'handles': 8.58757206787531, 'handling': 7.488959779207201, 'handmade': 8.725722406356127, 'handout': 9.536652622572456, 'handouts': 7.57890801587014, 'hands': 2.653787892435446, 'handshake': 8.28388965407709, 'handshakes': 9.623663999562087, 'handwork': 9.45660991489892, 'handwriting': 6.401158406643307, 'handwritten': 9.623663999562087, 'handy': 6.94638545712663, 'hang': 6.460877641344929, 'hangers': 9.942117730680621, 'hanging': 6.885760835310195, 'hangout': 9.942117730680621, 'hangouts': 9.71897417936641, 'hangs': 9.313509071258247, 'hanscom': 10.075649123305144, 'hao': 9.824334695024238, 'happen': 4.690498967141824, 'happened': 6.834173466519702, 'happening': 5.679437853639305, 'happenings': 8.33267981824652, 'happens': 5.4605286064638845, 'happier': 6.376112374717219, 'happiest': 7.6271101176880185, 'happily': 7.478264490090453, 'happiness': 6.738355543622468, 'happy': 4.3623879046943985, 'harbor': 8.977036834637033, 'hard': 2.4977959844403426, 'hardback': 9.623663999562087, 'hardcover': 8.466211210871043, 'harder': 5.405494087227639, 'hardest': 5.663717005852357, 'hardly': 7.467682380759916, 'hardness': 9.942117730680621, 'hardship': 6.874064795547004, 'hardships': 4.7353675576580745, 'hardware': 7.614840025096203, 'hardwick': 9.71897417936641, 'hardwood': 10.075649123305144, 'hardworking': 4.983653308913275, 'hardy': 9.942117730680621, 'harlem': 7.80205156718435, 'harm': 8.38397311263407, 'harmful': 8.689354762185253, 'harmonic': 10.075649123305144, 'harmonies': 9.45660991489892, 'harmony': 8.12973897424983, 'harness': 7.2593853375627, 'harnessed': 9.942117730680621, 'harnessing': 9.18834592830424, 'harper': 9.623663999562087, 'harriet': 9.077120293194016, 'harris': 9.942117730680621, 'harrisburg': 9.536652622572456, 'harry': 7.567211976106949, 'harsh': 7.03795265065212, 'hartford': 9.077120293194016, 'harvard': 9.18834592830424, 'harvest': 7.446848293857074, 'harvested': 8.725722406356127, 'harvesting': 8.38397311263407, 'has': 9.382501942745199, 'hassle': 8.35799762623081, 'hat': 7.996207581625308, 'hatch': 8.10953626693231, 'hatched': 8.93051681900214, 'hatchet': 9.536652622572456, 'hatching': 8.192917875871363, 'hate': 6.609913220505417, 'hated': 9.131187514464292, 'hates': 8.55582336956073, 'hating': 9.45660991489892, 'hatred': 9.71897417936641, 'hats': 7.544222457882251, 'haul': 10.075649123305144, 'haunted': 9.942117730680621, 'have': 5.93934036198401, 'haven': 8.93051681900214, 'havens': 9.942117730680621, 'haves': 8.93051681900214, 'having': 3.105858453403554, 'hawai': 9.382501942745199, 'hawaii': 7.664850445670865, 'hawaiian': 7.8319045303340316, 'hawaiians': 10.075649123305144, 'hawks': 9.942117730680621, 'hayes': 9.942117730680621, 'hayward': 9.077120293194016, 'hazard': 8.192917875871363, 'hazardous': 9.623663999562087, 'hazards': 9.131187514464292, 'hd': 8.525051710893976, 'hdmi': 8.802683447492257, 'he': 6.557727467334846, 'head': 5.389557494964827, 'headache': 8.977036834637033, 'headaches': 8.192917875871363, 'headbands': 9.824334695024238, 'headed': 7.961116261814038, 'heading': 7.996207581625308, 'headings': 9.623663999562087, 'headphone': 7.276627143997207, 'headphones': 4.466700751319781, 'heads': 6.583479963437261, 'headset': 8.214896782590138, 'headsets': 7.131210144138703, 'headsprout': 9.824334695024238, 'headstart': 9.313509071258247, 'heal': 9.131187514464292, 'healing': 8.689354762185253, 'health': 4.353465563278052, 'healthcare': 8.93051681900214, 'healthful': 9.077120293194016, 'healthier': 5.718940296615552, 'healthiest': 8.93051681900214, 'healthy': 4.013526425391149, 'hear': 4.181246289040293, 'heard': 5.278678636568554, 'hearing': 5.240501646424278, 'hears': 9.248970550120676, 'heart': 4.3964521241215575, 'heartache': 9.623663999562087, 'heartbeat': 8.58757206787531, 'heartbeats': 10.075649123305144, 'heartbreaking': 7.744893153344401, 'hearted': 7.267969081254092, 'heartedly': 9.18834592830424, 'heartfelt': 9.18834592830424, 'hearts': 5.226972691483958, 'heartwarming': 8.620361890698302, 'hearty': 9.623663999562087, 'heat': 6.927809071553694, 'heated': 9.248970550120676, 'heater': 9.536652622572456, 'heath': 9.45660991489892, 'heating': 8.689354762185253, 'heats': 9.942117730680621, 'heaven': 8.438040333904347, 'heavier': 9.313509071258247, 'heavily': 6.599609254879054, 'heavy': 6.0554125332367645, 'hebrew': 9.45660991489892, 'hectic': 8.051267358808335, 'heidi': 9.077120293194016, 'height': 6.664972997688444, 'heighten': 8.410641359716232, 'heightened': 8.495198747744295, 'heightens': 9.71897417936641, 'heights': 6.504106375895749, 'heir': 9.313509071258247, 'held': 5.808953176608938, 'helen': 8.466211210871043, 'helena': 10.075649123305144, 'hello': 6.198513376877438, 'helmet': 9.623663999562087, 'helmets': 8.307987205656149, 'help': 1.5162725787236888, 'helped': 5.613030481300958, 'helper': 8.214896782590138, 'helpers': 7.20127770675542, 'helpful': 5.002262618645412, 'helping': 3.6537945944361483, 'helplessness': 9.71897417936641, 'helps': 3.6935914140549686, 'hemingway': 9.942117730680621, 'hemisphere': 9.824334695024238, 'hemispheres': 10.075649123305144, 'hen': 9.942117730680621, 'hence': 7.499770695311416, 'henderson': 9.18834592830424, 'henkes': 9.623663999562087, 'henri': 10.075649123305144, 'henry': 7.57890801587014, 'hep': 9.18834592830424, 'her': 8.620361890698302, 'herb': 8.93051681900214, 'herbs': 7.717494179156287, 'here': 6.28176360181223, 'heredity': 9.824334695024238, 'heritage': 6.897595292957198, 'heritages': 9.077120293194016, 'hermit': 9.131187514464292, 'hero': 7.652111419893435, 'heroes': 7.225768726763715, 'heroic': 9.942117730680621, 'heros': 10.075649123305144, 'hesitant': 8.032575225796183, 'hesitate': 8.58757206787531, 'hesitation': 8.725722406356127, 'heterogeneous': 8.654263442373983, 'heterogeneously': 9.536652622572456, 'hexagon': 10.075649123305144, 'hexbug': 9.536652622572456, 'hey': 7.996207581625308, 'hi': 7.0042794355455325, 'hialeah':

9.45660991489892, 'hidden': 6.921692844536259, 'hide': 8.237369638442196, 'hiding':
9.313509071258247, 'hierarchy': 9.71897417936641, 'high': 2.281414518020502, 'higher':
4.175360456863031, 'highest': 4.817409980324517, 'highland': 9.623663999562087, 'highlands':
9.382501942745199, 'highlight': 6.081388019640025, 'highlighted': 8.032575225796183,
'highlighter': 8.466211210871043, 'highlighters': 6.738355543622468, 'highlighting':
7.758879395319141, 'highlights': 7.787452767763197, 'highly': 4.412688643169197, 'highs':
9.077120293194016, 'highschool': 10.075649123305144, 'highway': 9.248970550120676, 'hike':
9.248970550120676, 'hikes': 9.942117730680621, 'hiking': 8.886065056431306, 'hilarious':
7.276627143997207, 'hill': 7.521749602030192, 'hills': 7.816866652969491, 'hillsborough':
9.824334695024238, 'hillside': 10.075649123305144, 'hinder': 6.516227736428094, 'hindered':
7.744893153344401, 'hindering': 8.654263442373983, 'hinders': 7.250874647894792, 'hindi':
7.927214710138356, 'hindrance': 8.725722406356127, 'hindrances': 9.942117730680621, 'hinds':
9.942117730680621, 'hindu': 9.45660991489892, 'hinges': 9.71897417936641, 'hinton':
10.075649123305144, 'hints': 9.025826998806465, 'hip': 7.9785080045259065, 'hippos':
10.075649123305144, 'hips': 9.18834592830424, 'hire': 9.313509071258247, 'hired':
8.171411670650398, 'hiring': 9.824334695024238, 'his': 7.84717200246482, 'hispanic':
4.579652544308832, 'hispanics': 7.816866652969491, 'historian': 9.382501942745199, 'historians':
7.32107890656804, 'historic': 7.225768726763715, 'historical': 5.819023755172534, 'historically':
7.386830284130821, 'histories': 8.260359156666894, 'history': 4.556476535960909, 'hit':
5.877373638234811, 'hits': 8.689354762185253, 'hitting': 7.544222457882251, 'hive':
9.077120293194016, 'hmong': 8.38397311263407, 'hobbies': 8.237369638442196, 'hobby':
8.438040333904347, 'hoberman': 9.824334695024238, 'hockey': 7.894424887315365, 'hodge':
9.942117730680621, 'hodgepodge': 9.131187514464292, 'hogwarts': 9.536652622572456, 'hoki':
9.71897417936641, 'hokki': 5.249623716520855, 'hola': 8.93051681900214, 'hold': 4.484662142794287,
'holder': 8.33267981824652, 'holders': 7.532922902628317, 'holding': 6.278556084550974, 'holds': 6
.355132584248024, 'hole': 7.348730437898551, 'holes': 7.16952900844084, 'holiday':
7.416389086372366, 'holidays': 7.010923978264201, 'holistic': 7.862676189000785, 'holistically': 9
.18834592830424, 'holland': 10.075649123305144, 'hollywood': 8.84350544201251, 'holocaust':
8.10953626693231, 'home': 2.4522166666864504, 'homecoming': 9.536652622572456, 'homeland':
9.71897417936641, 'homelands': 9.824334695024238, 'homeless': 5.4028202888432375, 'homelessness':
6.561973758216298, 'homelike': 9.71897417936641, 'homemade': 8.171411670650398, 'homeroom':
7.138757349774086, 'homerooms': 8.654263442373983, 'homes': 3.5383366005153727, 'homestead':
8.977036834637033, 'hometown': 7.910685408187145, 'homework': 4.995132463660822, 'homey':
8.014226087127986, 'homogeneous': 9.248970550120676, 'homophones': 9.71897417936641, 'honduras': 7
.652111419893435, 'hone': 6.965313467012149, 'honed': 9.382501942745199, 'honest':
7.108904386624405, 'honestly': 7.146361949159306, 'honesty': 7.910685408187145, 'honey':
8.977036834637033, 'honing': 8.689354762185253, 'honolulu': 9.824334695024238, 'honor':
5.704394585613173, 'honorable': 9.077120293194016, 'honored': 6.256368169575612, 'honoring':
8.886065056431306, 'honors': 6.618881890488177, 'hood': 8.58757206787531, 'hoodies':
9.71897417936641, 'hook': 6.774535200199971, 'hooked': 6.79045065550587, 'hooki':
8.654263442373983, 'hooking': 9.18834592830424, 'hooks': 7.717494179156287, 'hoola':
9.942117730680621, 'hoop': 7.499770695311416, 'hoops': 6.66970113888439, 'hooray':
9.313509071258247, 'hoot': 9.623663999562087, 'hoover': 9.71897417936641, 'hop':
7.294171453648116, 'hope': 3.5134068255963684, 'hoped': 8.886065056431306, 'hopeful':
5.379072470993201, 'hopefully': 5.1746161327750775, 'hopeless': 9.077120293194016, 'hopelessness':
9.45660991489892, 'hopes': 5.7116409941339406, 'hoping': 4.7931708207868535, 'hopping':
8.438040333904347, 'hopscotch': 8.28388965407709, 'horace': 9.45660991489892, 'horizon':
8.28388965407709, 'horizons': 6.460877641344929, 'horizontal': 9.824334695024238, 'hormones':
9.077120293194016, 'horn': 9.025826998806465, 'horns': 9.536652622572456, 'horrible':
8.237369638442196, 'horrific': 8.93051681900214, 'horrifying': 10.075649123305144, 'horror':
9.623663999562087, 'horrors': 9.942117730680621, 'horse': 8.84350544201251, 'horses':
8.763462734338976, 'horseshoe': 7.773064030311097, 'horticulture': 9.71897417936641, 'hose':
9.382501942745199, 'hoses': 9.942117730680621, 'hospital': 7.878424545968924, 'hospitality':
9.45660991489892, 'hospitalized': 9.942117730680621, 'hospitals': 9.131187514464292, 'host':
6.774535200199971, 'hosted': 8.725722406356127, 'hostile': 10.075649123305144, 'hosting':
8.051267358808335, 'hosts': 7.6395326376865755, 'hot': 5.845692002254696, 'hotel':
8.410641359716232, 'hotels': 7.690825932074126, 'hottest': 9.077120293194016, 'houghton':
9.942117730680621, 'hour': 5.312254932102158, 'hourly': 9.248970550120676, 'hours':
4.5997834787158105, 'house': 5.3961669043525005, 'housed': 7.03795265065212, 'household':
6.097303474945925, 'households': 4.541130966286249, 'housekeeping': 8.93051681900214, 'houses':
5.86035195066538, 'housing': 5.563220989015667, 'houston': 7.20127770675542, 'hover':
9.824334695024238, 'hovering': 9.45660991489892, 'how': 4.8346582519488255, 'howard':
8.93051681900214, 'howdahug': 10.075649123305144, 'howe': 10.075649123305144, 'however':
3.1566713385862677, 'hp': 7.20937491698804, 'hs': 8.977036834637033, 'htc': 9.313509071258247,
'html': 9.077120293194016, 'http': 7.602718664563859, 'https': 8.089733639936, 'hub':
6.99767875151418, 'hubbard': 9.942117730680621, 'hubble': 9.942117730680621, 'huddle':
9.025826998806465, 'huddled': 9.18834592830424, 'hudson': 9.71897417936641, 'hue':
9.942117730680621, 'hug': 6.561973758216298, 'huge': 4.188751755835591, 'hugely':
8.466211210871043, 'hugged': 10.075649123305144, 'hugging': 9.313509071258247, 'hugo':
9.45660991489892, 'hugs': 6.618881890488177, 'huh': 10.075649123305144, 'hula': 6.965313467012149,
'hull': 9.824334695024238, 'hum': 8.977036834637033, 'human': 5.5009381448017605, 'humane':
9.45660991489892, 'humanitarian': 10.075649123305144, 'humanitarians': 9.942117730680621,
'humanities': 7.816866652969491, 'humanity': 7.84717200246482, 'humankind': 9.71897417936641,
'humans': 6.679225020395646, 'humble': 6.921692844536259, 'humbled': 8.410641359716232,
'humbling': 9.313509071258247, 'humbly': 8.93051681900214, 'humboldt': 9.623663999562087, 'humid':
10.075649123305144, 'humidity': 8.802683447492257, 'humility': 9.025826998806465, 'humming':
9.45660991489892, 'humor': 7.267969081254092, 'humorous': 8.032575225796183, 'hunched':

9.45660991489892, 'hundred': 5.77739237169672, 'hundreds': 6.288217995462711, 'hung': 7.758879395319141, 'hunger': 5.868826577656352, 'hungry': 4.7982635927981425, 'hunt': 7.6271101176880185, 'hunter': 7.787452767763197, 'hunters': 9.623663999562087, 'hunting': 8.051267358808335, 'hunts': 8.725722406356127, 'hurdle': 8.051267358808335, 'hurdles': 6.845409539786628, 'hurricane': 7.816866652969491, 'hurricanes': 9.71897417936641, 'hurry': 9.623663999562087, 'hurt': 6.95896423933349, 'hurting': 8.10953626693231, 'hurts': 8.237369638442196, 'husband': 9.025826998806465, 'hustle': 9.313509071258247, 'hybrid': 8.466211210871043, 'hydrate': 9.623663999562087, 'hydrated': 7.386830284130821, 'hydration': 8.654263442373983, 'hydrogen': 9.71897417936641, 'hydroponic': 8.55582336956073, 'hydroponics': 8.55582336956073, 'hygiene': 6.532621546203771, 'hygienic': 9.382501942745199, 'hype': 9.942117730680621, 'hyper': 8.260359156666894, 'hyperactive': 7.84717200246482, 'hyperactivity': 6.903565459943701, 'hyperdocs': 10.075649123305144, 'hypotheses': 8.171411670650398, 'hypothesis': 7.862676189000785, 'hypothesize': 8.763462734338976, 'hypothesizing': 9.623663999562087, 'hysterical': 9.942117730680621, 'hysterically': 10.075649123305144, 'iac': 9.942117730680621, 'ib': 6.795812598647256, 'ibooks': 9.824334695024238, 'ice': 7.377168373219084, 'iceberg': 9.18834592830424, 'icing': 9.313509071258247, 'icon': 9.71897417936641, 'iconic': 9.536652622572456, 'icons': 9.025826998806465, 'ict': 6.933962937128073, 'id': 8.410641359716232, 'idaho': 8.192917875871363, 'idea': 4.521582731408335, 'ideal': 5.779336006905291, 'idealistic': 10.075649123305144, 'ideally': 7.80205156718435, 'ideals': 8.58757206787531, 'ideas': 3.7205340185220037, 'identical': 9.131187514464292, 'identifiable': 9.382501942745199, 'identification': 6.927809071553694, 'identified': 5.616330814329616, 'identifies': 8.689354762185253, 'identify': 5.420329153631581, 'identifying': 6.45321476859936, 'identities': 7.664850445670865, 'identity': 6.618881890488177, 'ideology': 9.536652622572456, 'idioms': 9.623663999562087, 'idle': 8.977036834637033, 'ie': 8.93051681900214, 'iep': 6.121661918777965, 'ieps': 6.885760835310195, 'if': 3.7282599136491332, 'iggy': 9.942117730680621, 'ignacio': 8.525051710893976, 'igneous': 10.075649123305144, 'ignite': 6.213416782380013, 'ignited': 8.410641359716232, 'ignites': 8.886065056431306, 'igniting': 8.525051710893976, 'ignorance': 9.71897417936641, 'ignore': 8.55582336956073, 'ignored': 8.58757206787531, 'ignoring': 9.824334695024238, 'ii': 7.446848293857074, 'iii': 8.93051681900214, 'ikea': 10.075649123305144, 'il': 8.466211210871043, 'ilc': 9.71897417936641, 'ill': 7.787452767763197, 'illegal': 9.824334695024238, 'illinois': 6.779812257300814, 'illiteracy': 8.725722406356127, 'illiterate': 8.35799762623081, 'illness': 7.84717200246482, 'illnesses': 7.996207581625308, 'ills': 9.536652622572456, 'illuminate': 9.077120293194016, 'illuminated': 10.075649123305144, 'illuminating': 10.075649123305144, 'illusion': 10.075649123305144, 'illustrate': 6.472483187465237, 'illustrated': 7.9785080045259065, 'illustrates': 9.131187514464292, 'illustrating': 7.944021828454737, 'illustration': 8.150358261452567, 'illustrations': 6.178014855329097, 'illustrator': 8.33267981824652, 'illustrators': 7.457211080892621, 'im': 9.623663999562087, 'imac': 8.93051681900214, 'image': 6.524391047067255, 'imagery': 7.944021828454737, 'images': 5.684733541214015, 'imaginable': 8.070315553779029, 'imaginary': 7.9785080045259065, 'imagination': 4.905165128266992, 'imaginations': 5.470478937317052, 'imaginative': 5.919000677746888, 'imagine': 4.160602907484067, 'imagined': 7.116284493922027, 'imaging': 9.248970550120676, 'imagining': 8.032575225796183, 'imitate': 8.725722406356127, 'imitated': 10.075649123305144, 'imitating': 9.942117730680621, 'imitation': 9.942117730680621, 'immature': 9.824334695024238, 'immeasurable': 8.10953626693231, 'immeasurably': 9.71897417936641, 'immediate': 5.595070814902766, 'immediately': 5.773516397852028, 'immense': 7.250874607894792, 'immensely': 6.72324190581242, 'immerse': 6.679225020395646, 'immersed': 6.488169783632936, 'immerses': 9.824334695024238, 'immersing': 8.620361890698302, 'immersion': 6.169356792585982, 'immersive': 8.58757206787531, 'immigrant': 6.0761386637538815, 'immigrants': 5.925734709928232, 'immigrated': 7.436591793689885, 'immigration': 7.773064030311097, 'immobile': 9.942117730680621, 'immune': 9.71897417936641, 'imovie': 7.446848293857074, 'imovies': 8.58757206787531, 'impact': 4.036755882626051, 'impacted': 6.355132584248024, 'impactful': 8.12973897424983, 'impacting': 7.35812017824839, 'impacts': 6.344805470092175, 'impair': 10.075649123305144, 'impaired': 6.7537011132971285, 'impairment': 7.2175382276272, 'impairments': 5.890332782877316, 'impart': 8.620361890698302, 'impatient': 10.075649123305144, 'impede': 7.758879395319141, 'impeded': 9.824334695024238, 'impedes': 8.84350544201251, 'impediment': 9.623663999562087, 'impediments': 9.71897417936641, 'impeding': 9.45660991489892, 'imperative': 5.708011226083362, 'implants': 9.71897417936641, 'implement': 5.4028202888432375, 'implementation': 6.718254364301381, 'implemented': 6.135455240910301, 'implementing': 5.750570840502157, 'implements': 8.654263442373983, 'implications': 8.38397311263407, 'import': 9.623663999562087, 'importance': 4.574390912760417, 'important': 2.82867029399803, 'importantly': 5.037769307102322, 'imposed': 9.536652622572456, 'impossibility': 9.942117730680621, 'impossible': 5.60974100465056, 'impoverished': 5.923484990194217, 'impractical': 10.075649123305144, 'impress': 7.108904386624405, 'impressed': 7.0042794355455325, 'impresses': 9.536652622572456, 'impressing': 9.71897417936641, 'impression': 7.6271101176880185, 'impressionable': 8.260359156666894, 'impressions': 8.654263442373983, 'impressive': 7.731099831212066, 'imprint': 9.45660991489892, 'imprisoned': 9.71897417936641, 'impromptu': 9.382501942745199, 'improper': 9.71897417936641, 'improv': 10.075649123305144, 'improve': 3.200269467224344, 'improved': 5.476209612026037, 'improvement': 5.744915783018812, 'improvements': 6.738355543622468, 'improves': 5.978926438678076, 'improving': 5.028544149427496, 'improvisation': 8.654263442373983, 'improvise': 8.192917875871363, 'improvised': 9.536652622572456, 'improvising': 9.077120293194016, 'impulse': 8.802683447492257, 'impulses': 8.977036834637033, 'impulsive': 8.620361890698302, 'impulsivity': 9.536652622572456, 'in': 2.464654900196270 8, 'inability': 7.185277365408979, 'inaccessible': 8.725722406356127, 'inaccurate': 9.313509071258247, 'inactive': 8.802683447492257, 'inactivity': 9.077120293194016, 'inadequate': 7.731099831212066, 'inadvertently': 9.536652622572456, 'inappropriate': 8.10953626693231, 'inappropriately': 9.71897417936641, 'inattention': 9.248970550120676, 'inattentive': 9.382501942745199, 'inattentiveness': 9.824334695024238, 'inaugural': 8.466211210871043, 'inc': 9.382501942745199, 'incapable':

9.6516891950812200, 'inaugural': 8.768211660740462, 'ind': 9.688200943740599, 'incapable': 9.45660991489892, 'incarcerated': 7.478264490090453, 'incarceration': 8.12973897424983, 'incentive': 6.272166286452204, 'incentives': 6.698549293222048, 'incentivize': 10.075649123305144, 'inception': 9.45660991489892, 'incessant': 10.075649123305144, 'incessantly': 9.942117730680621, 'inch': 7.6271101176880185, 'inches': 8.525051710893976, 'incidence': 9.077120293194016, 'incident': 9.025826998806465, 'incidents': 9.131187514464292, 'incite': 9.536652622572456, 'inclement': 8.28388965407709, 'inclination': 9.248970550120676, 'incline': 9.942117730680621, 'inclined': 7.910685408187145, 'include': 4.084541782845003, 'included': 5.31714491739635, 'includes': 4.586711397148457, 'including': 3.9066362981558647, 'inclusion': 5.2869676123875085, 'inclusive': 5.957774063672849, 'inclusiveness': 9.71897417936641, 'income': 2.753988266930002, 'incomes': 6.97170326511092, 'incoming': 6.7332922416659216, 'incomparable': 9.536652622572456, 'incomplete': 8.620361890698302, 'inconsistency': 9.824334695024238, 'inconsistent': 8.84350544201251, 'inconvenience': 9.71897417936641, 'inconvenient': 10.075649123305144, 'incorporate': 4.292263598049976, 'incorporated': 6.183828825194517, 'incorporates': 6.823062241094631, 'incorporating': 5.2070163751004985, 'incorporation': 8.150358261452567, 'incorrect': 8.763462734338976, 'incorrectly': 8.525051710893976, 'increase': 3.3559460758259463, 'increased': 5.038696520891515, 'increases': 5.263464767932726, 'increasing': 4.933985566802484, 'increasingly': 6.0554125332367645, 'incredible': 4.841489398057661, 'incredibles': 10.075649123305144, 'incredibly': 5.106828379641894, 'increments': 9.45660991489892, 'incubating': 10.075649123305144, 'incubation': 9.824334695024238, 'incubator': 8.192917875871363, 'incurred': 10.075649123305144, 'indeed': 7.544222457882251, 'indefinitely': 9.824334695024238, 'independence': 5.072662050047144, 'independent': 3.6964955787292597, 'independently': 4.138112918222717, 'indescribable': 9.077120293194016, 'indestructible': 9.71897417936641, 'index': 7.499770695311416, 'india': 7.330211390131313, 'indian': 6.646280864676291, 'indiana': 6.839775722068372, 'indianapolis': 7.294171453648116, 'indians': 9.623663999562087, 'indicate': 7.9785080045259065, 'indicated': 8.763462734338976, 'indicates': 7.677753850506773, 'indicating': 8.977036834637033, 'indication': 9.824334695024238, 'indicator': 8.654263442373983, 'indicators': 8.84350544201251, 'indigenous': 8.977036834637033, 'indirect': 9.536652622572456, 'indirectly': 9.131187514464292, 'indispensable': 9.131187514464292, 'individual': 3.6068418725334555, 'individuality': 6.99767875151418, 'individualization': 9.18834592830424, 'individualize': 6.703439278516241, 'individualized': 4.941532772437867, 'individualizes': 9.942117730680621, 'individualizing': 9.077120293194016, 'individually': 5.339450674910648, 'individuals': 4.483064272946992, 'indonesia': 10.075649123305144, 'indoor': 5.978926438678076, 'indoors': 6.806623514751471, 'induced': 9.942117730680621, 'indulge': 9.623663999562087, 'industrial': 7.664850445670865, 'industries': 8.307987205656149, 'industrious': 9.131187514464292, 'industry': 6.268986633534824, 'ineffective': 8.763462734338976, 'inefficient': 9.536652622572456, 'inequalities': 9.536652622572456, 'inequality': 8.93051681900214, 'inequities': 8.725722406356127, 'inequity': 8.977036834637033, 'inertia': 9.623663999562087, 'inevitable': 7.927214710138356, 'inevitably': 7.944021828454737, 'inexpensive': 7.276627143997207, 'inexperienced': 9.45660991489892, 'infamous': 9.71897417936641, 'infancy': 9.025826998806465, 'infant': 9.382501942745199, 'infants': 9.536652622572456, 'infections': 9.45660991489892, 'infectious': 7.787452767763197, 'infer': 8.84350544201251, 'inference': 9.131187514464292, 'inferences': 7.377168373219084, 'inferencing': 8.620361890698302, 'inferential': 9.824334695024238, 'inferior': 9.45660991489892, 'inferring': 9.131187514464292, 'infested': 8.410641359716232, 'infinite': 7.614840025096203, 'infinitely': 9.71897417936641, 'infinity': 8.886065056431306, 'inflatable': 7.758879395319141, 'inflated': 9.382501942745199, 'inflection': 9.248970550120676, 'influence': 6.365567461540604, 'influenced': 8.051267358808335, 'influences': 7.396586459076186, 'influencing': 9.18834592830424, 'influential': 7.944021828454737, 'influx': 8.237369638442196, 'info': 8.93051681900214, 'infographics': 9.077120293194016, 'inform': 7.664850445670865, 'informal': 8.237369638442196, 'informally': 9.623663999562087, 'information': 3.7350378986792205, 'informational': 5.791077824781975, 'informative': 7.1540248219048745, 'informed': 6.512170935732479, 'informing': 8.886065056431306, 'informs': 9.942117730680621, 'infrared': 9.942117730680621, 'infrastructure': 8.33267981824652, 'infuse': 7.416389086372366, 'infused': 7.457211080892621, 'infusing': 8.33267981824652, 'infusion': 8.763462734338976, 'ing': 9.45660991489892, 'ingenious': 9.025826998806465, 'ingenuity': 7.9785080045259065, 'ingrain': 10.075649123305144, 'ingrained': 9.131187514464292, 'ingredient': 8.763462734338976, 'ingredients': 7.614840025096203, 'inhabit': 8.886065056431306, 'inhabitants': 9.71897417936641, 'inherent': 8.35799762623081, 'inherently': 8.35799762623081, 'inherit': 8.58757206787531, 'inherited': 8.12973897424983, 'inhibit': 8.35799762623081, 'inhibited': 9.382501942745199, 'inhibits': 8.93051681900214, 'initial': 7.161746867998785, 'initially': 8.032575225796183, 'initiate': 7.84717200246482, 'initiated': 9.077120293194016, 'initiating': 9.382501942745199, 'initiative': 6.027597845053887, 'initiatives': 7.6395326376865755, 'inject': 9.942117730680621, 'injured': 8.84350544201251, 'injuries': 7.567211976106949, 'injuring': 10.075649123305144, 'injury': 7.242435779248927, 'injustice': 8.260359156666894, 'injustices': 9.382501942745199, 'ink': 5.292930659275755, 'inkjet': 10.075649123305144, 'inks': 9.248970550120676, 'inland': 9.824334695024238, 'innate': 7.544222457882251, 'innately': 9.71897417936641, 'inner': 4.443925439757729, 'innocence': 8.886065056431306, 'innocent': 8.35799762623081, 'innovate': 7.2593853375627, 'innovated': 9.077120293194016, 'innovating': 8.171411670650398, 'innovation': 6.068315938072673, 'innovations': 8.192917875871363, 'innovative': 4.693121919465295, 'innovator': 9.942117730680621, 'innovators': 6.441829446374235, 'innumerable': 9.313509071258247, 'inoperable': 9.824334695024238, 'input': 5.835350648459963, 'inputs': 9.131187514464292, 'inputting': 10.075649123305144, 'inquire': 7.396586459076186, 'inquired': 9.536652622572456, 'inquirer': 9.71897417936641, 'inquirers': 7.910685408187145, 'inquiries': 7.927214710138356, 'inquiring': 7.532922902628317, 'inquiry': 5.125876574612589, 'inquisition': 10.075649123305144, 'inquisitive': 4.426171993506484, 'inquisitiveness': 8.763462734338976, 'ins': 8.051267358808335, 'insane': 9.623663999562087, 'insatiable': 7.816866652969491, 'insect': 8.654263442373983, 'insects': 7.079916849751153, 'insecure': 8.977036834637033, 'insecurities': 9.623663999562087, 'insecurity':

8.55582336956073, 'insert': 8.495198747744295, 'inserted': 10.075649123305144, 'inserting': 10.075649123305144, 'inserts': 10.075649123305144, 'inside': 4.561644506119352, 'insider': 9.942117730680621, 'insides': 10.075649123305144, 'insight': 6.868267778862678, 'insightful': 7.57890801587014, 'insights': 8.014226087127986, 'insignia': 10.075649123305144, 'insignificant': 9.248970550120676, 'insist': 9.45660991489892, 'insisted': 10.075649123305144, 'insists': 9.077120293194016, 'inspection': 10.075649123305144, 'inspiration': 5.697200309979146, 'inspirational': 6.545095720428946, 'inspirations': 7.087085339229765, 'inspire': 3.953469646082213, 'inspired': 4.470898029255121, 'inspires': 6.108056266722187, 'inspiring': 5.201542907686327, 'inspiron': 10.075649123305144, 'instability': 7.80205156718435, 'instagram': 8.466211210871043, 'install': 8.214896782590138, 'installation': 8.689354762185253, 'installations': 9.942117730680621, 'installed': 7.80205156718435, 'installing': 9.131187514464292, 'instance': 7.131210144138703, 'instances': 8.38397311263407, 'instant': 6.216424303443969, 'instantaneous': 9.248970550120676, 'instantaneously': 9.313509071258247, 'instantly': 6.764063900332675, 'instax': 9.623663999562087, 'instead': 4.186771164972262, 'instill': 5.099901088209329, 'instilled': 8.051267358808335, 'instilling': 7.072799381982288, 'instills': 8.33267981824652, 'instinct': 9.077120293194016, 'instinctively': 9.45660991489892, 'institute': 8.08973363963613, 'instituted': 9.536652622572456, 'institution': 7.744893153344401, 'institutional': 9.536652622572456, 'institutions': 8.171411670650398, 'instruct': 7.303060401065363, 'instructed': 8.410641359716232, 'instructing': 8.214896782590138, 'instruction': 3.3245476543683834, 'instructional': 4.908417163653369, 'instructionally': 9.942117730680621, 'instructions': 6.331199818036397, 'instructive': 10.075649123305144, 'instructor': 7.6395326376865755, 'instructors': 8.55582336956073, 'instrument': 5.541514710433804, 'instrumental': 6.718254364301381, 'instrumentalists': 9.18834592830424, 'instrumentarium': 10.075649123305144, 'instrumentation': 9.025826998806465, 'instruments': 5.0322240063858965, 'insufficient': 8.35799762623081, 'insulated': 9.623663999562087, 'insulation': 9.942117730680621, 'insulators': 9.824334695024238, 'insurance': 9.248970550120676, 'insure': 7.478264490090453, 'insures': 10.075649123305144, 'insuring': 9.71897417936641, 'insurmountable': 8.525051710893976, 'int': 9.45660991489892, 'intact': 8.977036834637033, 'intake': 8.12973897424983, 'intangible': 9.942117730680621, 'integers': 9.536652622572456, 'integral': 6.1722344924135975, 'integrate': 5.064061901483505, 'integrated': 5.4298855403517985, 'integrates': 7.478264490090453, 'integrating': 5.6499474251286, 'integration': 5.835350648459963, 'integrative': 9.942117730680621, 'integrity': 7.0943055872032525, 'intellect': 8.466211210871043, 'intellectual': 5.221389204058257, 'intellectually': 6.664972997688444, 'intelligence': 6.492130184849033, 'intelligences': 7.816866652969491, 'intelligent': 5.360984122520771, 'intelligently': 9.382501942745199, 'intend': 6.909571484003914, 'intended': 7.32107890656804, 'intense': 6.839775722068372, 'intensely': 8.466211210871043, 'intensify': 9.824334695024238, 'intensity': 8.237369638442196, 'intensive': 6.632487542543956, 'intensively': 8.620361890698302, 'intent': 7.8319045303340316, 'intention': 7.6271101176880185, 'intentional': 7.8319045303340316, 'intentionally': 8.58757206787531, 'intentions': 8.495198747744295, 'intently': 9.18834592830424, 'inter': 8.438040333904347, 'interact': 4.536628989070795, 'interacted': 9.077120293194016, 'interacting': 5.955451182256709, 'interaction': 5.577428015660017, 'interactions': 5.96947010343604, 'interactive': 3.886798489941811, 'interactively': 7.773064030311097, 'interactivity': 9.077120293194016, 'interacts': 9.382501942745199, 'intercity': 9.077120293194016, 'interconnected': 8.977036834637033, 'interdependence': 9.131187514464292, 'interdependent': 9.077120293194016, 'interdisciplinary': 7.457211080892621, 'interest': 3.701354674781578, 'interested': 4.387705712678688, 'interesting': 4.4588780256385725, 'interestingly': 9.824334695024238, 'interests': 4.488400464904894, 'interface': 8.237369638442196, 'interfaces': 9.623663999562087, 'interfere': 7.426439422225867, 'interference': 9.45660991489892, 'interferes': 8.525051710893976, 'interfering': 8.886065056431306, 'intergenerational': 9.942117730680621, 'intergrate': 10.075649123305144, 'intergrated': 10.075649123305144, 'interim': 9.623663999562087, 'interior': 9.248970550120676, 'interlocking': 9.71897417936641, 'intermediate': 6.641661918819997, 'intermittently': 9.71897417936641, 'internal': 7.652111419893435, 'internalize': 7.8319045303340316, 'internalized': 9.382501942745199, 'internalizing': 9.45660991489892, 'internally': 9.45660991489892, 'international': 5.96010235343244, 'internationally': 8.171411670650398, 'internet': 4.518269641685375, 'internship': 8.93051681900214, 'internships': 8.977036834637033, 'interpersonal': 7.488959779207201, 'interpret': 6.99767875151418, 'interpretation': 8.307987205656149, 'interpretations': 8.725722406356127, 'interpreted': 9.18834592830424, 'interpreter': 9.942117730680621, 'interpreters': 9.623663999562087, 'interpreting': 8.070315553779029, 'interpretive': 9.382501942745199, 'interrelated': 9.71897417936641, 'interrupt': 8.28388965407709, 'interrupted': 7.704071158824147, 'interrupting': 7.787452767763197, 'interruption': 8.032575225796183, 'interruptions': 7.510699765843607, 'interrupts': 9.824334695024238, 'interscholastic': 9.536652622572456, 'intersection': 9.382501942745199, 'intertwine': 9.824334695024238, 'intertwined': 8.620361890698302, 'interval': 9.71897417936641, 'intervals': 8.438040333904347, 'intervene': 9.131187514464292, 'intervening': 9.942117730680621, 'intervention': 4.97230443110462, 'interventionist': 8.466211210871043, 'interventions': 6.035107267076019, 'interview': 7.652111419893435, 'interviewed': 9.248970550120676, 'interviewing': 8.725722406356127, 'interviews': 7.677753850506773, 'interwoven': 10.075649123305144, 'intimacy': 10.075649123305144, 'intimate': 8.55582336956073, 'intimated': 10.075649123305144, 'intimidated': 7.927214710138356, 'intimidating': 7.446848293857074, 'intimidation': 9.942117730680621, 'into': 9.131187514464292, 'intonation': 8.28388965407709, 'intramural': 8.654263442373983, 'intramurals': 9.824334695024238, 'intrapersonal': 10.075649123305144, 'intricacies': 8.977036834637033, 'intricate': 8.08973363963613, 'intrigue': 8.12973897424983, 'intrigued': 6.839775722068372, 'intrigues': 9.45660991489892, 'intriguing': 7.386830284130821, 'intrinsic': 7.32107890656804, 'intrinsically': 7.894424887315365, 'intro': 9.131187514464292, 'introduce': 4.906789823993994, 'introduced': 5.461944034867215, 'introduces': 7.9785080045259065, 'introducing': 5.998111679399424

5.461944054807215, 'introduces': 7.970360043259005, 'introducing': 5.996111079399424,
'introduction': 6.434310613960207, 'introductions': 9.71897417936641, 'introductory':
8.014226087127986, 'intuition': 9.824334695024238, 'intuitive': 8.10953626693231, 'intuitively': 9
.382501942745199, 'inundated': 9.025826998806465, 'invaluable': 6.268986633534824, 'invariably':
9.942117730680621, 'invasive': 9.313509071258247, 'invent': 6.856773298436943, 'invented':
8.260359156666894, 'inventing': 7.862676189000785, 'invention': 7.312029071048123, 'inventions':
7.138757349774086, 'inventive': 7.426439422225867, 'inventiveness': 9.536652622572456, 'inventor':
8.33267981824652, 'inventories': 9.824334695024238, 'inventors': 6.655583257338606, 'inventory': 7
.32107890656804, 'invertebrates': 9.623663999562087, 'invest': 6.637064209571368, 'invested':
6.16648735015803, 'investigate': 5.674170062704446, 'investigated': 8.802683447492257,
'investigates': 10.075649123305144, 'investigating': 6.97813415544121, 'investigation':
6.7851173095305075, 'investigations': 6.278556084550974, 'investigative': 8.12973897424983,
'investigators': 8.150358261452567, 'investing': 6.94638545712663, 'investment':
6.195559164980007, 'investments': 9.536652622572456, 'invigorate': 9.025826998806465,
'invigorated': 10.075649123305144, 'invigorating': 7.996207581625308, 'invisible':
7.787452767763197, 'invitation': 9.313509071258247, 'invitations': 9.18834592830424, 'invite':
6.698549293222048, 'invited': 7.065732214759196, 'invites': 8.10953626693231, 'inviting':
4.961941644069073, 'invoke': 9.942117730680621, 'involve': 5.408175053980897, 'involved':
4.394501855341524, 'involvement': 5.631318605295107, 'involves': 5.862463883868524, 'involving': 6
.508130526195474, 'ions': 10.075649123305144, 'ios': 9.45660991489892, 'iowa': 7.910685408187145,
'ipad': 3.9556657253961833, 'ipads': 3.9456656420616, 'ipevo': 9.131187514464292, 'iphone': 8.5558
2336956073, 'iphones': 8.725722406356127, 'ipod': 7.185277365408979, 'ipods': 7.416389086372366,
'iq': 7.927214710138356, 'iqs': 10.075649123305144, 'ir': 9.71897417936641, 'iran':
8.725722406356127, 'iraq': 7.961116261814038, 'iraqi': 9.942117730680621, 'iread':
9.536652622572456, 'iready': 7.457211080892621, 'ireland': 9.623663999562087, 'iron':
8.438040333904347, 'iroquois': 10.075649123305144, 'irregular': 9.623663999562087, 'irrelevant': 9
.131187514464292, 'irreplaceable': 9.248970550120676, 'irresistible': 9.71897417936641,
'irresponsible': 10.075649123305144, 'irrigation': 9.623663999562087, 'irritable':
10.075649123305144, 'irvine': 10.075649123305144, 'is': 6.460877641344929, 'isaac':
9.623663999562087, 'isd': 8.35799762623081, 'ish': 9.942117730680621, 'island':
6.5409203490184655, 'islander': 7.567211976106949, 'islanders': 8.84350544201251, 'islands':
8.150358261452567, 'isn': 10.075649123305144, 'isolate': 9.45660991489892, 'isolated':
7.499770695311416, 'isolating': 9.623663999562087, 'isolation': 8.014226087127986, 'ispecial':
10.075649123305144, 'israel': 9.131187514464292, 'issue': 5.775452506878894, 'issued':
8.150358261452567, 'issues': 4.258537963341939, 'istation': 8.171411670650398, 'iste':
9.942117730680621, 'istep': 9.942117730680621, 'it': 2.295465438381987, 'italian':
9.45660991489892, 'italy': 8.977036834637033, 'itching': 8.55582336956073, 'itchy':
10.075649123305144, 'item': 5.953133684116346, 'items': 3.5389575257138386, 'itinerant':
9.313509071258247, 'its': 7.138757349774086, 'itunes': 9.131187514464292, 'iv': 9.45660991489892,
'ivan': 9.077120293194016, 'ivar': 9.71897417936641, 'ivory': 9.824334695024238, 'ivy':
9.248970550120676, 'ixl': 7.339428045236237, 'jack': 8.171411670650398, 'jacket':
8.654263442373983, 'jackets': 7.862676189000785, 'jackie': 9.536652622572456, 'jacks':
8.35799762623081, 'jackson': 7.758879395319141, 'jacksonville': 9.077120293194016, 'jacobs':
9.824334695024238, 'jacqueline': 8.725722406356127, 'jail': 7.555651153705873, 'jam':
8.08973363963613, 'jamaica': 8.466211210871043, 'james': 8.28388965407709, 'jamestown':
9.824334695024238, 'jammed': 9.71897417936641, 'jams': 9.536652622572456, 'jan':
9.942117730680621, 'jane': 8.689354762185253, 'janitors': 9.623663999562087, 'jansen':
9.71897417936641, 'january': 7.532922902628317, 'japan': 8.410641359716232, 'japanese':
7.878424545968924, 'jar': 9.025826998806465, 'jars': 9.131187514464292, 'jason':
9.623663999562087, 'java': 9.623663999562087, 'javascript': 10.075649123305144, 'jazz':
7.339428045236237, 'jealousy': 10.075649123305144, 'jean': 8.886065056431306, 'jeans':
10.075649123305144, 'jedi': 9.623663999562087, 'jeff': 10.075649123305144, 'jefferson':
8.410641359716232, 'jelly': 9.942117730680621, 'jellyfish': 8.886065056431306, 'jenga':
8.725722406356127, 'jennifer': 8.93051681900214, 'jenny': 9.313509071258247, 'jensen':
8.763462734338976, 'jeopardy': 8.689354762185253, 'jerky': 9.942117730680621, 'jerry':
9.942117730680621, 'jersey': 6.965313467012149, 'jerseys': 8.495198747744295, 'jessica':
10.075649123305144, 'jet': 8.93051681900214, 'jewelry': 8.654263442373983, 'jewels':
9.824334695024238, 'jewish': 9.942117730680621, 'jfk': 10.075649123305144, 'jiggle':
9.077120293194016, 'jigsaw': 9.942117730680621, 'jim': 9.536652622572456, 'jingle':
9.824334695024238, 'jitters': 8.525051710893976, 'jittery': 9.71897417936641, 'jk':
9.382501942745199, 'job': 3.883578817908318, 'jobs': 4.721761905602296, 'joe': 8.93051681900214, '
jog': 9.942117730680621, 'jogging': 9.824334695024238, 'john': 6.66970113888439, 'johnny':
9.18834592830424, 'johnson': 8.620361890698302, 'join': 5.674170062704446, 'joined':
7.8319045303340316, 'joining': 7.294171453648116, 'joins': 9.313509071258247, 'joint':
8.725722406356127, 'joints': 8.977036834637033, 'joke': 8.307987205656149, 'jokes':
8.410641359716232, 'joking': 10.075649123305144, 'jolly': 9.824334695024238, 'jones':
8.28388965407709, 'jordan': 8.725722406356127, 'jose': 8.192917875871363, 'joseph':
8.725722406356127, 'joshua': 9.824334695024238, 'jot': 8.28388965407709, 'jotting':
10.075649123305144, 'journal': 6.040145061105976, 'journaling': 7.944021828454737, 'journalism': 7.
250874647894792, 'journalist': 9.71897417936641, 'journalistic': 9.824334695024238, 'journalists':
8.495198747744295, 'journals': 5.693622488631262, 'journey': 4.750550734079464, 'journeys':
7.294171453648116, 'jovial': 9.942117730680621, 'joy': 4.476169522748633, 'joyful':
6.6936831035708755, 'joyfully': 9.536652622572456, 'joyous': 9.077120293194016, 'joys':
7.32107890656804, 'jr': 6.738355543622468, 'jrotc': 9.382501942745199, 'judge': 7.787452767763197,
'judged': 8.33267981824652, 'judgement': 8.84350544201251, 'judges': 8.886065056431306, 'judging':
9.824334695024238, 'judgment': 8.725722406356127, 'judgmental': 10.075649123305144, 'judgments': 9
.942117730680621, 'judicial': 9.248970550120676, 'judy': 8.84350544201251, 'juggle':
8.93051681900214, 'juggling': 8.410641359716232, 'juice': 7.664850445670865, 'juices':

8.93051681900214, 'juggling': 8.410641359716232, 'juice': 7.0048504456766863, 'juices': 7.555651153705873, 'juicy': 10.075649123305144, 'julia': 9.623663999562087, 'juliet': 8.977036834637033, 'julius': 9.942117730680621, 'july': 8.763462734338976, 'jumbled': 9.942117730680621, 'jumbo': 8.051267358808335, 'jump': 5.294127547509602, 'jumped': 8.466211210871043, 'jumpers': 10.075649123305144, 'jumping': 6.614387500900338, 'jumprope': 9.942117730680621, 'jumps': 9.025826998806465, 'jumpstart': 9.313509071258247, 'junction': 9.536652622572456, 'june': 7.267969081254092, 'jungle': 8.171411670650398, 'junie': 8.725722406356127, 'junior': 6.143823490580818, 'juniors': 7.478264490090453, 'junk': 8.150358261452567, 'junkins': 9.45660991489892, 'jupiter': 9.942117730680621, 'just': 5.5647896167882935, 'justice': 6.718254364301381, 'justify': 8.525051710893976, 'justifying': 9.718 97417936641, 'justin': 10.075649123305144, 'juvenile': 8.689354762185253, 'jv': 9.077120293194016, 'k0': 9.824334695024238, 'k1': 9.942117730680621, 'k2': 9.71897417936641, 'k3': 9.536652622572456, 'k4': 8.654263442373983, 'k5': 9.942117730680621, 'ka': 9.942117730680621, 'kagan': 9.45660991489892, 'kahlo': 9.623663999562087, 'kahoot': 6.885760835310195, 'kahoots': 9.077120293194016, 'kalamazoo': 9.536652622572456, 'kale': 9.382501942745199, 'kaleidoscope': 9.71897417936641, 'kandinsky': 9.824334695024238, 'kansas': 7.116284493922027, 'kaplan': 9.942117730680621, 'karaoke': 9.45660991489892, 'karate': 9.623663999562087, 'karen': 8.28388965407709, 'karenni': 9.18834592830424, 'kassebaum': 9.45660991489892, 'kate': 8.886065056431306, 'katherine': 9.824334695024238, 'katie': 9.248970550120676, 'katrina': 9.248970550120676, 'katy': 9.942117730680621, 'kayla': 8.93051681900214, 'keeffe': 9.942117730680621, 'keen': 8.35799762623081, 'keenly': 9.824334695024238, 'keep': 2.826637153112655, 'keeper': 9.45660991489892, 'keepers': 9.248970550120676, 'keeping': 4.635708194235248, 'keeps': 5.580612731727536, 'keepsake': 8.28388965407709, 'keepsakes': 9.18834592830424, 'keillor': 9.623663999562087, 'keller': 8.763462734338976, 'kelly': 9.382501942745199, 'ken': 8.977036834637033, 'kennedy': 7.9785080045259065, 'kensington': 9.536652622572456, 'kentucky': 7.0448255299398825, 'kenya': 8.802683447492257, 'kept': 6.327827133557757, 'kettle': 9.536652622572456, 'keurig': 9.824334695024238, 'keva': 8.58757206787531, 'kevin': 9.313509071258247, 'key': 4.352064021352763, 'keyboard': 6.278556084550974, 'keyboarding': 6.614387500900338, 'keyboards': 6.774535200199971, 'keychains': 9.71897417936641, 'keynote': 9.025826998806465, 'keys': 6.839775722068372, 'keystone': 10.075649123305144, 'khan': 7.294171453648116, 'khmer': 9.71897417936641, 'kick': 6.655583257338606, 'kickball': 7.602718664563859, 'kickballs': 8.977036834637033, 'kicked': 9.18834592830424, 'kicking': 7.467682380759916, 'kickoff': 10.075649123305144, 'kicks': 9.18834592830424, 'kid': 4.878731871198836, 'kidblog': 9.313509071258247, 'kiddies': 10.075649123305144, 'kiddo': 8.725722406356127, 'kiddos': 4.924010421745664, 'kidney': 7.16952900844084, 'kids': 2.617380583462653, 'kidz': 9.942117730680621, 'kill': 8.38397311263407, 'killed': 8.689354762185253, 'killing': 9.248970550120676, 'kiln': 8.150358261452567, 'kind': 4.120181918567841, 'kinda': 10.075649123305144, 'kinder': 6.516227736428094, 'kindergarden': 10.075649123305144, 'kindergarten': 3.1565300856726917, 'kindergartener': 8.28388965407709, 'kindergarteners': 5.082305326318949, 'kindergartens': 8.070315553779029, 'kindergartner': 7.9785080045259065, 'kindergartners': 5.232587529368287, 'kinders': 7.010923978264201, 'kindest': 8.051267358808335, 'kindhearted': 8.93051681900214, 'kindle': 5.84777316845852, 'kindles': 6.383204603026711, 'kindling': 10.075649123305144, 'kindly': 8.886065056431306, 'kindness': 5.613030481300958, 'kinds': 5.704394585613173, 'kinect': 9.18834592830424, 'kinestetic': 10.075649123305144, 'kinesthetic': 5.470478937317052, 'kinesthetically': 8.12973897424983, 'kinetic': 7.116284493922027, 'kinetically': 9.824334695024238, 'kinetics': 10.075649123305144, 'king': 6.940154907375994, 'kingdom': 9.18834592830424, 'kings': 9.382501942745199, 'kipp': 8.654263442373983, 'kiss': 9.536652622572456, 'kit': 5.048953021058703, 'kitchen': 6.412087477175497, 'kitchens': 9.18834592830424, 'kite': 9.623663999562087, 'kits': 4.828625051144657, 'kittle': 10.075649123305144, 'kleenex': 8.12973897424983, 'knack': 9.025826998806465, 'knee': 8.214896782590138, 'kneel': 7.816866552969491, 'kneeling': 7.602718664563859, 'knees': 7.499770695311416, 'knew': 6.15792809676236, 'knex': 9.077120293194016, 'knife': 9.536652622572456, 'knights': 9.18834592830424, 'knit': 5.535398483416368, 'knitting': 9.623663999562087, 'knives': 8.886065056431306, 'knobs': 10.075649123305144, 'knock': 8.58757206787531, 'knocked': 9.077120293194016, 'knocking': 9.382501942745199, 'knocks': 10.075649123305144, 'knot': 9.824334695024238, 'knots': 9.824334695024238, 'know': 2.6852913437864836, 'knowing': 4.86382378811055, 'knowledgable': 9.313509071258247, 'knowledge': 3.1949714415867887, 'knowledgeable': 6.812073119519036, 'known': 5.527805432508771, 'knows': 6.0787598972337555, 'kodable': 9.942117730680621, 'kodaly': 9.71897417936641, 'koosh': 9.942117730680621, 'kore': 6.834173466519702, 'korea': 8.33267981824652, 'korean': 8.192917875871363, 'ks': 9.71897417936641, 'kurt': 9.536652622572456, 'kwame': 9.623663999562087, 'ky': 9.131187514464292, 'la': 7.446848293857074, 'lab': 4.444949505387418, 'label': 6.66970113888439, 'labeled': 6.18967679507694, 'labeling': 8.171411670650398, 'labels': 6.5409203490184655, 'labor': 7.758879395319141, 'laboratories': 9.382501942745199, 'laboratory': 6.874064795547004, 'laborers': 9.942117730680621, 'laborious': 9.313509071258247, 'labquest': 9.942117730680621, 'labs': 5.466202380549792, 'lace': 9.382501942745199, 'laces': 9.824334695024238, 'lacing': 9.077120293194016, 'lack': 3.6955265864053786, 'lacked': 8.725722406356127, 'lacking': 5.128917631188368, 'lackluster': 9.942117730680621, 'lacks': 6.065721902895626, 'lacrosse': 8.410641359716232, 'ladder': 8.35799762623081, 'ladders': 8.58757206787531, 'laden': 9.71897417936641, 'ladies': 7.446848293857074, 'lady': 8.051267358808335, 'ladybug': 9.248970550120676, 'ladybugs': 8.977036834637033, 'lafayette': 9.824334695024238, 'lag': 9.313509071258247, 'lagging': 9.45660991489892, 'lags': 9.824334695024238, 'laid': 8.051267358808335, 'lake': 7.20937491698804, 'lakes': 9.077120293194016, 'lakeshore': 6.95896423933349, 'lakeside': 10.075649123305144, 'lakota': 9.18834592830424, 'lament': 10.075649123305144, 'laminate': 6.891660557437383, 'laminated': 7.2175382276272, 'laminating': 6.5284978290199085, 'lamination': 8.10953626693231, 'laminator': 7.20127770675542, 'lamp': 8.495198747744295, 'lamps': 7.80205156718435, 'land': 6.655583257338606, 'landfill': 9.536652622572456, 'landfills': 9.077120293194016, 'landforms':

6.655583257338606, 'landfill': 9.536652622572456, 'landfills': 9.077120293194016, 'landforms':
8.307987205656149, 'landing': 8.802683447492257, 'landmark': 9.382501942745199, 'landmarks':
8.08973363963613, 'lands': 8.10953626693231, 'landscape': 7.758879395319141, 'landscapes':
7.996207581625308, 'landscaping': 9.382501942745199, 'lane': 9.382501942745199, 'langauge':
9.824334695024238, 'language': 2.6220044873331485, 'languages': 4.303318320401141, 'lantern':
10.075649123305144, 'lanyards': 9.382501942745199, 'lao': 9.942117730680621, 'laos':
9.248970550120676, 'laotian': 9.942117730680621, 'lap': 5.976553958324445, 'lapboard':
9.71897417936641, 'lapboards': 8.802683447492257, 'lapdesks': 10.075649123305144, 'laps':
8.070315553779029, 'lapse': 9.71897417936641, 'laptop': 5.074583280225038, 'laptops':
4.985410778609921, 'large': 3.460349195527445, 'largely': 6.812073119519036, 'larger':
5.190685037714277, 'largest': 5.733700712198672, 'larva': 10.075649123305144, 'larvae':
9.536652622572456, 'las': 7.396586459076186, 'laser': 7.652111419893435, 'laserjet':
9.623663999562087, 'last': 3.674680018613897, 'lasted': 8.977036834637033, 'lasting':
6.065721902895626, 'lastly': 5.971825817128499, 'lasts': 8.032575225796183, 'latch':
8.93051681900214, 'latches': 10.075649123305144, 'latchkey': 9.45660991489892, 'late':
6.297974170408076, 'lately': 7.927214710138356, 'later': 5.560091096006739, 'lateral':
9.824334695024238, 'latest': 5.8925090622999114, 'latex': 9.824334695024238, 'latin':
7.131210144138703, 'latina': 9.623663999562087, 'latino': 5.62462961714431, 'latinos':
8.38397311263407, 'latitude': 9.71897417936641, 'latter': 9.077120293194016, 'lauded':
10.075649123305144, 'laugh': 5.988473050561655, 'laughed': 9.45660991489892, 'laughing':
7.312029071048123, 'laughs': 8.410641359716232, 'laughter': 6.331199818036397, 'launch':
7.367598922202934, 'launched': 8.802683447492257, 'launcher': 9.382501942745199, 'launchers':
9.536652622572456, 'launching': 7.9785080045259065, 'laundromat': 9.536652622572456, 'laundry':
8.032575225796183, 'laura': 9.382501942745199, 'lauren': 9.942117730680621, 'laurie':
9.824334695024238, 'lausd': 9.71897417936641, 'lava': 9.71897417936641, 'lavender':
8.977036834637033, 'lavish': 9.942117730680621, 'law': 7.590742473517143, 'lawn':
9.077120293194016, 'lawrence': 9.131187514464292, 'laws': 7.731099831212066, 'lawyer':
9.623663999562087, 'lawyers': 7.031126685581721, 'lay': 5.8968758814662525, 'layer':
7.704071158824147, 'layered': 9.942117730680621, 'layering': 9.623663999562087, 'layers':
8.070315553779029, 'laying': 6.650921244232794, 'layoffs': 10.075649123305144, 'layout':
7.9785080045259065, 'layouts': 9.71897417936641, 'lays': 8.689354762185253, 'lazy':
8.84350544201251, 'lb': 9.71897417936641, 'lcd': 8.150358261452567, 'ld': 8.84350544201251, 'le':
9.942117730680621, 'lead': 4.603378449633668, 'leader': 6.163626117876998, 'leaders':
4.511676211205543, 'leadership': 5.598312308826937, 'leading': 6.045208363062523, 'leads':
5.7430378481946125, 'leaf': 8.307987205656149, 'league': 7.138757349774086, 'leagues':
9.131187514464292, 'leak': 9.313509071258247, 'leaks': 9.824334695024238, 'lean':
7.0176129664149975, 'leaner': 9.71897417936641, 'leaners': 8.654263442373983, 'leaning':
6.655583257338606, 'leap': 7.446848293857074, 'leapfrog': 8.93051681900214, 'leaping':
9.623663999562087, 'leappad': 10.075649123305144, 'leaps': 7.436591793689885, 'learing':
10.075649123305144, 'learn': 1.4640812544655772, 'learned': 3.9670366628231633, 'learner':
5.068830627735588, 'learners': 2.3564558205548236, 'learning': 1.3670566549359287, 'learnings': 8.
886065056431306, 'learniture': 9.131187514464292, 'learns': 5.767730460784984, 'learnzillion':
9.45660991489892, 'least': 4.510034623969592, 'leather': 9.248970550120676, 'leave':
4.605782296945064, 'leaves': 6.253238276566685, 'leaving': 5.793048268769273, 'lebanon':
9.71897417936641, 'lecture': 6.856773298436943, 'lectured': 9.536652622572456, 'lectures':
7.32107890656804, 'lecturing': 8.35799762623081, 'led': 5.604826989848131, 'ledge':
9.623663999562087, 'leds': 10.075649123305144, 'lee': 9.025826998806465, 'left':
5.030382385239247, 'leftover': 8.654263442373983, 'leftovers': 8.977036834637033, 'leg':
6.94638545712663, 'legacy': 8.051267358808335, 'legal': 8.802683447492257, 'legally':
9.45660991489892, 'legend': 9.536652622572456, 'legendary': 9.824334695024238, 'legends':
9.382501942745199, 'legged': 8.654263442373983, 'legible': 8.689354762185253, 'legibly':
9.382501942745199, 'legislators': 9.942117730680621, 'legislature': 9.824334695024238,
'legitimate': 9.131187514464292, 'lego': 5.957774063672849, 'legos': 6.091970128970562, 'legs':
5.883832218274223, 'leisure': 7.690825932074126, 'lemon': 9.131187514464292, 'lemonade':
8.689354762185253, 'lemons': 9.942117730680621, 'lemony': 10.075649123305144, 'lend':
6.95896423933349, 'lending': 7.84717200246482, 'lends': 7.878424545968924, 'length':
7.185277365408979, 'lengthen': 9.824334695024238, 'lengths': 8.410641359716232, 'lengthy':
8.28388965407709, 'lenovo': 8.466211210871043, 'lens': 6.688840479095088, 'lenses':
7.961116261814038, 'leonardo': 9.45660991489892, 'leotards': 9.942117730680621, 'lep':
9.71897417936641, 'les': 9.942117730680621, 'less': 4.2662204595139555, 'lessen':
7.614840025096203, 'lessening': 9.382501942745199, 'lessens': 9.824334695024238, 'lesser':
9.18834592830424, 'lesson': 4.104022918416826, 'lessons': 3.234949817299331, 'let':
3.9660841306031824, 'lethargic': 9.536652622572456, 'lethargy': 10.075649123305144, 'lets':
6.2658170587735444, 'letter': 4.914133798249752, 'lettering': 9.71897417936641, 'letters':
4.592038429573995, 'letting': 6.2658170587735444, 'lettuce': 8.93051681900214, 'leukemia':
10.075649123305144, 'level': 2.7053285251268417, 'leveled': 5.107821921700772, 'leveling':
8.725722406356127, 'levels': 3.310445388306913, 'lever': 9.71897417936641, 'leverage':
8.55582336956073, 'leveraging': 9.824334695024238, 'levers': 9.248970550120676, 'lewin':
9.248970550120676, 'lewis': 8.28388965407709, 'lexia': 6.94638545712663, 'lexile':
7.544222457882251, 'lexington': 9.71897417936641, 'lgbtq': 8.171411670650398, 'liberal':
9.623663999562087, 'liberia': 10.075649123305144, 'liberties': 9.942117730680621, 'liberty':
8.654263442373983, 'librarian': 6.618881890488177, 'librarians': 8.725722406356127, 'libraries':
6.222466617899931, 'library': 3.5123982526414834, 'lice': 8.763462734338976, 'license':
7.717494179156287, 'licensed': 9.382501942745199, 'licenses': 8.014226087127986, 'lid':
9.71897417936641, 'lids': 8.93051681900214, 'lie': 7.416389086372366, 'lies': 7.079916849751153, '
lieu': 9.382501942745199, 'life': 2.467487362081471, 'lifecycle': 9.131187514464292, 'lifeline':
9.942117730680621, 'lifelong': 4.664641030004436, 'lifesaver': 9.623663999562087, 'lifeskills':
9.45660991489892, 'lifespan': 9.623663999562087, 'lifestyle': 5.765008326069700, 'lifestyles':

9.45660991489892, 'lifespan': 9.623663999562087, 'lifestyle': 5.7658092306070, 'lifestyles': 6.698549293222048, 'lifetime': 5.439534133467631, 'lifetimes': 9.536652622572456, 'lift': 7.2593853375627, 'lifted': 9.248970550120676, 'lifting': 7.996207581625308, 'lifts': 9.248970550120676, 'ligatures': 9.45660991489892, 'light': 4.668477351845025, 'lightbulb': 8.525051710893976, 'lightbulbs': 9.71897417936641, 'lighted': 9.942117730680621, 'lighten': 9.382501942745199, 'lighter': 9.623663999562087, 'lighthouse': 8.495198747744295, 'lighting': 6.496106333228673, 'lightly': 8.438040333904347, 'lightning': 8.58757206787531, 'lights': 6.149441482885041, 'lightweight': 7.84717200246482, 'like': 2.296660253029176, 'liked': 7.555651153705873, 'likelihood': 8.032575225796183, 'likely': 5.282222645003283, 'likes': 6.9156137984598764, 'likewise': 8.08973363963613, 'liking': 8.763462734338976, 'lil': 9.382501942745199, 'lillian': 10.075649123305144, 'limit': 5.715283985412441, 'limitation': 8.58757206787531, 'limitations': 6.281766360181223, 'limited': 3.319381406730781, 'limiting': 7.131210144138703, 'limitless': 6.468599687438839, 'limits': 5.907877092528226, 'lincoln': 7.6271101176880185, 'linda': 9.71897417936641, 'line': 4.9568002445686545, 'linear': 8.410641359716232, 'lined': 7.602718664563859, 'lines': 6.045208363062523, 'linger': 9.824334695024238, 'lingering': 9.824334695024238, 'lingual': 7.878424545968924, 'linguistic': 7.138757349774086, 'linguistically': 7.276627143997207, 'linguists': 9.71897417936641, 'lining': 8.438040333904347, 'link': 6.795812598647256, 'linked': 6.74855971379671, 'linking': 8.150358261452567, 'links': 7.406438755519197, 'linoleum': 8.654263442373983, 'lion': 8.763462734338976, 'lions': 9.536652622572456, 'lip': 8.886065056431306, 'lips': 9.131187514464292, 'liquid': 7.862676180000785, 'liquids': 8.525051710893976, 'lisa': 10.075649123305144, 'list': 5.080369217292082, 'listed': 6.492130184849033, 'listen': 4.1347262734054, 'listened': 7.8319045303340316, 'listener': 8.886065056431306, 'listeners': 7.602718664563859, 'listening': 4.081331507214755, 'listens': 9.45660991489892, 'listing': 9.382501942745199, 'lists': 7.131210144138703, 'lit': 7.677753850506773, 'lite': 9.248970550120676, 'liter': 9.71897417936641, 'literacies': 9.45660991489892, 'literacy': 3.4523430528770676, 'literal': 8.977036834637033, 'literally': 6.146628541508426, 'literary': 6.121661918777965, 'literate': 6.11076262831993, 'literature': 4.228384925171252, 'litter': 9.45660991489892, 'little': 3.1572365498490185, 'littlebits': 7.677753850506773, 'littles': 8.307987205656149, 'littlest': 8.38397311263407, 'live': 3.1305980595793095, 'lived': 6.618881890488177, 'livelihood': 10.075649123305144, 'lively': 5.798983004289088, 'liven': 8.886065056431306, 'lives': 3.038119500576196, 'livestock': 8.977036834637033, 'living': 4.056708384913144, 'livingston': 9.623663999562087, 'lloyd': 9.942117730680621, 'lms': 9.942117730680621, 'lo': 9.824334695024238, 'load': 7.108904386624405, 'loaded': 7.787452767763197, 'loading': 9.313509071258247, 'loads': 8.150358261452567, 'loan': 8.55582336956073, 'loaned': 9.025826998806465, 'loaner': 9.71897417936641, 'loans': 9.536652622572456, 'loathe': 9.313509071258247, 'local': 4.8263719521817485, 'locally': 7.521749602030192, 'locals': 10.075649123305144, 'locate': 7.010923978264201, 'located': 3.5866613236710494, 'locating': 8.466211210871043, 'location': 5.729990132802137, 'locations': 6.609913220505417, 'lock': 7.367598922202934, 'lockable': 9.248970550120676, 'locked': 7.602718664563859, 'locker': 8.214896782590138, 'lockers': 8.12973897424983, 'locking': 8.466211210871043, 'locks': 7.161746867998785, 'locomotor': 9.824334695024238, 'loft': 9.942117730680621, 'lofty': 8.725722406356127, 'log': 6.779812257300814, 'logan': 9.313509071258247, 'logged': 9.077120293194016, 'logging': 8.689354762185253, 'logic': 7.03795265065212, 'logical': 7.108904386624405, 'logically': 8.763462734338976, 'login': 8.654263442373983, 'logistical': 9.71897417936641, 'logistics': 8.93051681900214, 'logo': 8.763462734338976, 'logos': 9.942117730680621, 'logs': 7.704071158824147, 'lois': 9.313509071258247, 'lol': 9.71897417936641, 'lollipops': 9.623663999562087, 'lone': 9.536652622572456, 'loneliness': 9.942117730680621, 'lonely': 8.977036834637033, 'long': 3.3673906259171416, 'longer': 4.585531456008608, 'longest': 9.077120293194016, 'longevity': 8.725722406356127, 'longfellow': 9.942117730680621, 'longing': 8.237369638442196, 'longitude': 9.942117730680621, 'look': 3.553136245313649, 'looked': 6.570520818794757, 'looking': 3.6119512916241567, 'lookout': 9.131187514464292, 'looks': 5.916766039945472, 'loom': 9.623663999562087, 'looming': 9.313509071258247, 'looms': 9.536652622572456, 'loop': 7.532922902628317, 'looped': 8.171411670650398, 'looping': 7.499770695311416, 'loops': 9.18834592830424, 'loose': 7.065732214759196, 'loosing': 8.84350544201251, 'lorax': 9.077120293194016, 'lord': 9.536652622572456, 'los': 5.978926438678076, 'lose': 5.810959195335804, 'loses': 9.248970550120676, 'losing': 6.532621546203771, 'loss': 6.344805470092175, 'losses': 8.977036834637033, 'lost': 4.932316117332943, 'lot': 3.3922881775388687, 'lotion': 8.93051681900214, 'lots': 4.431717760177799, 'lotsa': 9.45660991489892, 'lottery': 7.80205156718435, 'lou': 10.075649123305144, 'loud': 6.027597845053887, 'louder': 9.077120293194016, 'loudly': 8.84350544201251, 'louds': 9.71897417936641, 'louis': 7.717494179156287, 'louisiana': 6.457038865037763, 'louisville': 8.58757206787531, 'lounge': 7.664850445670865, 'loungers': 9.71897417936641, 'lounging': 8.977036834637033, 'lovaas': 9.71897417936641, 'lovable': 7.303060401065363, 'love': 1.848808232896566, 'loveable': 9.623663999562087, 'loved': 4.624610669739443, 'lovely': 7.051745972784456, 'lover': 8.38397311263407, 'lovers': 6.95896423933349, 'loves': 5.7638916844778185, 'loving': 4.360502889998627, 'lovingly': 9.382501942745199, 'low': 2.4934927065841164, 'lowell': 9.623663999562087, 'lower': 4.751942522752287, 'lowercase': 8.466211210871043, 'lowered': 7.499770695311416, 'lowering': 8.620361890698302, 'lowers': 9.18834592830424, 'lowest': 6.15509121542716, 'lowry': 9.71897417936641, 'lows': 9.536652622572456, 'loyal': 8.35799762623081, 'loyalty': 9.313509071258247, 'lubbock': 9.71897417936641, 'luck': 8.689354762185253, 'luckiest': 8.333267981824652, 'luckily': 7.457211080892621, 'lucky': 4.807790964241816, 'lucrative': 9.71897417936641, 'lucy': 8.654263442373983, 'ludwig': 9.942117730680621, 'lug': 9.942117730680621, 'luis': 9.942117730680621, 'lumber': 10.075649123305144, 'lunch': 2.378398062266254, 'lunches': 4.72311417085231, 'lunchroom': 8.84350544201251, 'lunchtime': 8.495198747744295, 'lung': 9.942117730680621, 'lungs': 9.248970550120676, 'lure':

9.45660991489892, 'lurking': 9.942117730680621, 'luster': 10.075649123305144, 'luther': 7.6271101176880185, 'luxuries': 7.57890801587014, 'luxury': 6.545095720428946, 'lying': 7.677753850506773, 'lyrics': 8.466211210871043, 'lysol': 8.495198747744295, 'ma': 8.032575225796183, 'mac': 7.677753850506773, 'macbeth': 9.623663999562087, 'macbook': 6.99767875151418, 'macbooks': 9.824334695024238, 'mache': 9.025826998806465, 'machine': 6.045208363062523, 'machinery': 9.824334695024238, 'machines': 6.3725850341992505, 'macro': 9.382501942745199, 'macromolecules': 10.075649123305144, 'macs': 10.075649123305144, 'mad': 8.58757206787531, 'made': 3.705014554431058, 'madison': 8.802683447492257, 'madness': 9.382501942745199, 'magazine': 5.409518237527365, 'magazines': 5.320828162812647, 'magee': 9.942117730680621, 'magformers': 9.45660991489892, 'magic': 5.912311689596091, 'magical': 6.225501521595085, 'magically': 9.077120293194016, 'magna': 7.478264490090453, 'magnatiles': 8.763462734338976, 'magnet': 5.410863227642698, 'magnetic': 5.381683438533921, 'magnetism': 7.717494179156287, 'magnets': 6.355132584248024, 'magnification': 9.942117730680621, 'magnificent': 7.521749602030192, 'magnified': 9.248970550120676, 'magnifiers': 9.623663999562087, 'magnify': 9.71897417936641, 'magnifying': 7.961116261814038, 'magnitude': 9.824334695024238, 'mahalo': 9.942117730680621, 'mahar': 9.536652622572456, 'mail': 7.862676189000785, 'mailbox': 8.171411670650398, 'mailboxes': 8.014226087127986, 'mailing': 9.942117730680621, 'main': 5.0536500705585725, 'maine': 7.773064030311097, 'mainly': 6.175120497302733, 'mainstream': 7.072799381982288, 'mainstreamed': 7.664850445670865, 'mainstreaming': 9.382501942745199, 'maintain': 4.962801119841792, 'maintained': 7.862676189000785, 'maintaining': 5.932514396913611, 'maintains': 8.495198747744295, 'maintenance': 7.567211976106949, 'major': 5.18101274307177, 'majority': 3.5402005339534353, 'majorly': 9.824334695024238, 'majors': 8.763462734338976, 'make': 1.9391308711898518, 'makeblock': 9.45660991489892, 'makeover': 8.58757206787531, 'maker': 6.275356081820304, 'makerbot': 9.313509071258247, 'makers': 6.637064209571368, 'makerspace': 6.121661918777965, 'makerspaces': 8.051267358808335, 'makes': 3.587965104820533, 'makeshift': 9.942117730680621, 'makeup': 7.436591793689885, 'makey': 7.386830284130821, 'makeys': 8.802683447492257, 'making': 3.3701848994781995, 'maladaptive': 10.075649123305144, 'malala': 8.410641359716232, 'malaysia': 9.623663999562087, 'malcolm': 9.45660991489892, 'male': 7.185277365408979, 'males': 8.051267358808335, 'malfunction': 10.075649123305144, 'malfunctioning': 9.71897417936641, 'mali': 9.942117730680621, 'mall': 8.977036834637033, 'mallet': 8.725722406356127, 'mallets': 8.150358261452567, 'malls': 9.71897417936641, 'mam': 9.71897417936641, 'mama': 9.536652622572456, 'mammals': 9.71897417936641, 'man': 6.823062241094631, 'manage': 5.574253409819244, 'manageable': 8.070315553779029, 'managed': 7.80205156718435, 'management': 5.599937004553939, 'manager': 8.84350544201251, 'managers': 8.654263442373983, 'manages': 10.075649123305144, 'managing': 7.108904386624405, 'mancala': 10.075649123305144, 'manchester': 9.45660991489892, 'mandala': 9.942117730680621, 'mandalas': 9.942117730680621, 'mandarin': 7.396586459076186, 'mandate': 9.382501942745199, 'mandated': 7.161746867998785, 'mandates': 9.077120293194016, 'mandatory': 7.80205156718435, 'mandela': 7.416389086372366, 'mandelamy': 9.942117730680621, 'mandolin': 9.942117730680621, 'maneuver': 7.862676189000785, 'maneuvering': 9.025826998806465, 'manga': 8.802683447492257, 'mango': 9.623663999562087, 'manhattan': 7.758879395319141, 'maniac': 9.824334695024238, 'manifest': 8.802683447492257, 'manila': 9.536652622572456, 'manipulate': 5.4149090861622415, 'manipulated': 8.28388965407709, 'manipulates': 8.84350544201251, 'manipulating': 6.650921244232794, 'manipulation': 7.910685408187145, 'manipulative': 6.247007726816048, 'manipulatives': 4.606986391009868, 'manipulators': 10.075649123305144, 'mankind': 9.248970550120676, 'mann': 9.313509071258247, 'manner': 5.268121353762677, 'mannered': 8.55582336956073, 'manners': 7.16952900844084, 'manor': 9.382501942745199, 'mantis': 9.942117730680621, 'mantra': 8.12973897424983, 'manual': 8.014226087127986, 'manually': 9.536652622572456, 'manuals': 9.025826998806465, 'manufacture': 9.824334695024238, 'manufactured': 9.942117730680621, 'manufacturer': 10.075649123305144, 'manufacturing': 8.438040333904347, 'many': 1.5746724256268503, 'map': 6.52030106181573, 'maple': 9.71897417936641, 'mapping': 8.33267981824652, 'maps': 6.362077056600835, 'maracas': 9.623663999562087, 'marathon': 9.382501942745199, 'marble': 7.652111419893435, 'marbles': 8.55582336956073, 'march': 7.2175382276272, 'marching': 7.416389086372366, 'margaret': 8.214896782590138, 'marginalized': 8.260359156666894, 'margins': 9.45660991489892, 'maria': 8.260359156666894, 'mariachi': 9.942117730680621, 'marie': 9.71897417936641, 'marine': 7.996207581625308, 'marion': 9.45660991489892, 'mark': 6.587837268806217, 'marked': 7.927214710138356, 'marker': 6.879895715857797, 'markers': 4.542259634577624, 'market': 6.516227736428094, 'marketable': 8.802683447492257, 'marketing': 8.014226087127986, 'marketplace': 8.977036834637033, 'markets': 9.248970550120676, 'marking': 7.9978508004525906, 'markings': 9.71897417936641, 'marks': 7.773064030311097, 'married': 10.075649123305144, 'marry': 9.942117730680621, 'mars': 8.410641359716232, 'marsh': 9.942117730680621, 'marshall': 8.84350544201251, 'marshallese': 8.525051710893976, 'marshmallows': 9.45660991489892, 'mart': 9.45660991489892, 'martial': 9.824334695024238, 'martian': 9.536652622572456, 'martin': 7.416389086372366, 'marvel': 8.654263442373983, 'marvelous': 8.014226087127986, 'mary': 8.150358261452567, 'maryland': 7.510699765843607, 'mascot': 8.35799762623081, 'mask': 9.025826998806465, 'masking': 8.802683447492257, 'masks': 8.192917875871363, 'maslow': 9.536652622572456, 'mason': 9.623663999562087, 'mass': 7.467682380759916, 'massachusetts': 7.436591793689885, 'masses': 9.382501942745199, 'massive': 7.6395326376865755, 'master': 4.919059916585808, 'mastered': 6.390347490539091, 'masterful': 9.71897417936641, 'mastering': 6.2658170587735444, 'masterpiece': 7.303060401065363, 'masterpieces': 6.698549293222048, 'masters': 7.457211080892621, 'mastery': 5.916766039945472, 'mat': 6.823062241094631, 'match': 5.8394743656438255, 'matched': 7.944021828454737, 'matches': 7.567211976106949, 'matching': 6.779812257300814, 'mater': 9.248970550120676, 'material': 4.311802407906292, 'materials': 2.349877681717192, 'mates': 8.977036834637033, 'math': 2.4691196678979295, 'mathematic': 8.33267981824652, 'mathematical': 5.345736050725609, 'mathematically': 8.28388965407709, 'mathematician': 8.12973897424983, 'mathematicians': 5.271628078571887, 'mathematics': 4.678780083028611, 'mathletics':

10.075649123305144, 'mathmaticians': 10.075649123305144, 'maths': 9.824334695024238, 'matic': 9.62 3663999562087, 'matilda': 9.824334695024238, 'matisse': 9.623663999562087, 'matriculate': 9.824334695024238, 'matrix': 10.075649123305144, 'mats': 5.556970968670496, 'matt': 9.248970550120676, 'matte': 9.71897417936641, 'matter': 4.369488526243975, 'matters': 6.449405240182692, 'matthew': 8.237369638442196, 'mattresses': 9.824334695024238, 'mature': 6.965313467012149, 'matured': 10.075649123305144, 'maturing': 8.192917875871363, 'maturity': 7.961116261814038, 'maui': 10.075649123305144, 'maus': 9.45660991489892, 'max': 7.330211390131313, 'maximize': 5.518769226444833, 'maximized': 8.55582336956073, 'maximizes': 8.214896782590138, 'maximizing': 7.677753850506773, 'maximum': 6.337979505021775, 'maxwell': 9.623663999562087, 'may': 3.1480912170268267, 'maya': 8.032575225796183, 'mayan': 9.824334695024238, 'maybe': 5.978926438678076, 'mayberry': 9.824334695024238, 'mayo': 8.689354762185253, 'mayor': 9.077120293194016, 'maze': 7.816866652969491, 'mazes': 7.787452767763197, 'mbot': 10.075649123305144, 'mcas': 9.824334695024238, 'mcdonald': 9.942117730680621, 'mckinney': 10.075649123305144, 'mcleod': 9.824334695024238, 'mcps': 9.313509071258247, 'md': 8.689354762185253, 'me': 6.334583916020637, 'mead': 8.84350544201251, 'meadows': 9.824334695024238, 'meager': 8.93051681900214, 'meal': 5.779336006905291, 'meals': 5.106828379641894, 'mealworms': 10.075649123305144, 'mean': 5.248478896704921, 'meaning': 5.179943795882865, 'meaningful': 3.890028561756204, 'meaningfully': 8.93051681900214, 'meaningless': 9.45660991489892, 'meanings': 7.944021828454737, 'means': 3.609060152058885, 'meant': 6.379652201422343, 'meantime': 9.18834592830424, 'meanwhile': 8.84350544201251, 'measurable': 8.620361890698302, 'measure': 6.2074287405353905, 'measured': 7.717494179156287, 'measurement': 6.605458870156037, 'measurements': 7.664850445670865, 'measures': 7.84717200246482, 'measuring': 6.7332922416659216, 'meat': 9.248970550120676, 'mechanic': 9.71897417936641, 'mechanical': 7.446848293857074, 'mechanics': 7.744893153344401, 'mechanism': 9.077120293194016, 'mechanisms': 8.725722406356127, 'med': 9.313509071258247, 'medal': 9.248970550120676, 'medals': 9 .077120293194016, 'media': 4.888263317464388, 'median': 8.55582336956073, 'medias': 9.077120293194016, 'mediate': 9.942117730680621, 'mediation': 9.623663999562087, 'medical': 6.464731210660919, 'medically': 8.495198747744295, 'medication': 8.38397311263407, 'medications': 9.45660991489892, 'medicine': 7.285360823965961, 'medicines': 10.075649123305144, 'medieval': 9.02 5826998806465, 'mediocre': 9.313509071258247, 'meditate': 9.382501942745199, 'meditating': 7.910685408187145, 'meditation': 7.532922902628317, 'medium': 6.39393815866982, 'mediums': 6.679225020395646, 'meehan': 9.536652622572456, 'meet': 3.2231045762953614, 'meeting': 4.657012258104815, 'meetings': 6.15509121542716, 'meets': 5.8394743656438255, 'mega': 9.824334695024238, 'megaphone': 9.71897417936641, 'meiosis': 10.075649123305144, 'meld': 9.824334695024238, 'melinda': 10.075649123305144, 'melissa': 9.71897417936641, 'melodic': 8.763462734338976, 'melodies': 8.150358261452567, 'melody': 8.28388965407709, 'melt': 8.032575225796183, 'meltdown': 9.45660991489892, 'meltdowns': 9.248970550120676, 'melting': 6.536762338869802, 'member': 5.870956503914178, 'members': 4.443413799940991, 'membership': 8.886065056431306, 'memento': 10.075649123305144, 'memoir': 8.689354762185253, 'memoirs': 8.977036834637033, 'memorable': 5.93478454544815, 'memorial': 8.93051681900214, 'memories': 6.149441482885041, 'memorization': 7.944021828454737, 'memorize': 7.6271101176880185, 'memorized': 8.93051681900214, 'memorizing': 8.032575225796183, 'memory': 6.052851712375091, 'memphis': 7.927214710138356, 'men': 6.307826466851088, 'mend': 9.623663999562087, 'mental': 5.715283985412441, 'mentality': 8.051267358808335, 'mentally': 6.524391047067255, 'mention': 6.419440451480756, 'mentioned': 6.536762338869802, 'mentioning': 9.623663999562087, 'mentor': 6.324465785855052, 'mentoring': 8.08973363963613, 'mentors': 7.436591793689885, 'mentorship': 9.942117730680621, 'menu': 8.192917875871363, 'menus': 8.466211210871043, 'merchandise': 10.075649123305144, 'mercier': 9.71897417936641, 'mercy': 8.886065056431306, 'mere': 8.977036834637033, 'merely': 7.80205156718435, 'merge': 8.58757206787531, 'merged': 9.45660991489892, 'merging': 9.45660991489892, 'merit': 9.18834592830424, 'merits': 9.942117730680621, 'mesa': 9.248970550120676, 'mesh': 8.171411670650398, 'meshed': 9.942117730680621, 'mesmerized': 9.382501942745199, 'mesopotamia': 9.71897417936641, 'mess': 6.927809071553694, 'message': 6.383204603026711, 'messages': 7.185277365408979, 'messaging': 9.536652622572456, 'messes': 8.35799762623081, 'messy': 6.614387500900338, 'met': 4.7319487509092895, 'meta': 9.71897417936641, 'metabolism': 7.123719472409546, 'metacognition': 9.313509071258247, 'metacognitive': 10.075649123305144, 'metal': 7.010923978264201, 'metallic': 9. 131187514464292, 'metallophones': 9.382501942745199, 'metals': 9.824334695024238, 'metamorphic': 9 .824334695024238, 'metamorphosis': 8.689354762185253, 'metaphor': 9.536652622572456, 'metaphorically': 10.075649123305144, 'metaphors': 9.248970550120676, 'meteorologist': 9.623663999562087, 'meteorologists': 9.824334695024238, 'meteorology': 9.71897417936641, 'meter': 8.525051710893976, 'method': 5.783234647320949, 'methodically': 9.942117730680621, 'methodologies': 9.71897417936641, 'methodology': 9.18834592830424, 'methods': 5.457703745828329, 'meticulously': 9.942117730680621, 'metric': 8.93051681900214, 'metro': 7.878424545968924, 'metronome': 9.536652622572456, 'metronomes': 10.075649123305144, 'metroplex': 8.977036834637033, 'metropolis': 9.18834592830424, 'metropolitan': 7.6395326376865755, 'mexican': 7.367598922202934, 'mexico': 5.849858674949542, 'meyer': 10.075649123305144, 'mi': 8.35799762623081, 'miami': 7.614840025096203, 'mic': 8.654263442373983, 'mice': 6.897595292957198, 'michael': 8.689354762185253, 'michelle': 9.131187514464292, 'michigan': 6.508130526195474, 'micro': 8.28388965407709, 'microbes': 9.942117730680621, 'microbiology': 9.382501942745199, 'microcontrollers': 10.075649123305144, 'microcosm': 8.84350544201251, 'microeconomics': 9.71897417936641, 'micronesian': 10.075649123305144, 'microorganisms': 8.802683447492257, 'microphone': 6.74344461312994, 'microphones': 6.795812598647256, 'microscope': 7.079916849751153, 'microscopes': 7.03795265065212, 'microscopic': 8.307987205656149, 'microsociety': 9.942117730680621, 'microsoft': 7.32107890656804, 'microwave': 8.260359156666894, 'mics': 8.93051681900214, 'mid': 6.812073119519036, 'midday': 9.942117730680621, 'middle': 3.5793051676087133, 'middles': 9.942117730680621, 'midi': 9.824334695024238, 'midline': 9.942117730680621, 'midst': 7.758879395319141, 'midtown': 9.942117730680621, 'midway':

9.824334695024238, 'midwest': 8.10953626693231, 'midwestern': 9.131187514464292, 'midyear': 10.075649123305144, 'mifflin': 10.075649123305144, 'might': 4.637569814381948, 'mighty': 7.8319045303340316, 'migrant': 6.468599687438839, 'migrants': 10.075649123305144, 'migrate': 9.313509071258247, 'migrated': 9.824334695024238, 'migration': 9.077120293194016, 'migratory': 10.075649123305144, 'mike': 9.623663999562087, 'mild': 6.587837268806217, 'mildly': 9.71897417936641, 'mile': 6.95896423933349, 'mileage': 9.45660991489892, 'miles': 6.237734090030719, 'milestone': 8.38397311263407, 'milestones': 7.758879395319141, 'military': 5.248478896704921, 'milk': 7.787452767763197, 'mill': 8.214896782590138, 'millennial': 9.623663999562087, 'miller': 8.438040333904347, 'million': 7.101578346532332, 'millions': 8.051267358808335, 'mills': 9.313509071258247, 'milton': 10.075649123305144, 'milwaukee': 7.544222457882251, 'mimic': 8.10953626693231, 'mimicking': 9.824334695024238, 'mimics': 9.18834592830424, 'mimio': 9.382501942745199, 'min': 8.38397311263407, 'mind': 4.54622003579372, 'minded': 6.504106375895749, 'mindedness': 8.10953626693231, 'mindful': 7.116284493922027, 'mindfully': 9.824334695024238, 'mindfulness': 6.79045065550587, 'minds': 3.81880289070482, 'mindset': 5.598312308826937, 'mindsets': 7.84717200246482, 'mindstorm': 8.38397311263407, 'mindstorms': 8.237369638442196, 'mine': 5.96010235343244, 'minecraft': 7.910685408187145, 'mineral': 8.886065056431306, 'minerals': 7.9785080045259065, 'mines': 9.382501942745199, 'mini': 4.935657807994845, 'miniature': 8.260359156666894, 'minimal': 6.005402112662104, 'minimally': 9.536652622572456, 'minimize': 6.769285844313827, 'minimized': 9.077120293194016, 'minimizes': 9.536652622572456, 'minimizing': 8.33267981824652, 'minimum': 6.460877641344929, 'mining': 8.525051710893976, 'minis': 6.143823490580818, 'minneapolis': 8.150358261452567, 'minnesota': 7.499770695311416, 'minor': 8.10953626693231, 'minorities': 6.828602421470246, 'minority': 5.894690088246272, 'mins': 9.942117730680621, 'mint': 9.623663999562087, 'mints': 10.075649123305144, 'minus': 9.824334695024238, 'minute': 4.841489398057661, 'minutes': 4.277856014186703, 'miracle': 8.495198747744295, 'miracles': 9.131187514464292, 'miraculous': 9.077120293194016, 'mirror': 7.386830284130821, 'mirrored': 9.45660991489892, 'mirroring': 9.71897417936641, 'mirrors': 7.80205156718435, 'mis': 10.075649123305144, 'misbehavior': 8.84350544201251, 'miscellaneous': 9.313509071258247, 'mischief': 9.824334695024238, 'mischievous': 9.824334695024238, 'misconception': 9.248970550120676, 'misconceptions': 7.80205156718435, 'miserable': 9.382501942745199, 'misfortune': 10.075649123305144, 'mishaps': 9.536652622572456, 'misinformation': 9.942117730680621, 'mismatched': 8.58757206787531, 'misplace': 9.131187514464292, 'misplaced': 8.10953626693231, 'miss': 5.7619778082955335, 'missed': 7.024346998596342, 'misses': 9.382501942745199, 'missing': 5.301339117225162, 'mission': 5.158801359309056, 'missions': 8.192917875871363, 'mississippi': 6.879895715857797, 'missouri': 6.7537011132971285, 'mistake': 7.35812017824839, 'mistakenly': 9.942117730680621, 'mistakes': 5.436767879974741, 'misunderstandings': 9.623663999562087, 'misunderstood': 8.689354762185253, 'mit': 8.886065056431306, 'mitchell': 9.71897417936641, 'mitigate': 9.536652622572456, 'mitosis': 9.45660991489892, 'mittens': 9.824334695024238, 'mix': 5.302546117975197, 'mixed': 5.821050098317767, 'mixer': 9.077120293194016, 'mixers': 10.075649123305144, 'mixes': 9.313509071258247, 'mixing': 7.488959779207201, 'mixture': 6.281766360181223, 'mixtures': 9.382501942745199, 'mla': 10.075649123305144, 'mlk': 10.075649123305144, 'mn': 8.55582336956073, 'mo': 7.446848293857074, 'moan': 9.942117730680621, 'moans': 9.824334695024238, 'mobil': 9.942117730680621, 'mobile': 5.658531168819992, 'mobiles': 9.623663999562087, 'mobility': 6.4763818278808944, 'mobilize': 9.942117730680621, 'moby': 7.731099831212066, 'mobymax': 7.717494179156287, 'mock': 7.996207581625308, 'mockingbird': 8.93051681900214, 'mod': 9.824334695024238, 'modal': 9.18834592830424, 'modalities': 6.545095720428946, 'modality': 8.09973363963613, 'mode': 7.436591793689885, 'model': 4.63323141278335, 'modeled': 7.146361949159306, 'modeling': 6.108056266722187, 'modelling': 9.824334695024238, 'models': 5.088136246629742, 'moderate': 6.015206112758724, 'moderately': 9.025826998806465, 'modern': 5.583807622624056, 'modernize': 9.131187514464292, 'modernized': 9.824334695024238, 'modes': 7.416389086372366, 'modest': 8.525051710893976, 'modification': 8.214896782590138, 'modifications': 7.2593853375627, 'modified': 7.0042794355455325, 'modify': 7.330211390131313, 'modifying': 8.654263442373983, 'modular': 9.382501942745199, 'module': 8.725722406356127, 'modules': 8.35799762623081, 'moines': 9.71897417936641, 'moisture': 9.824334695024238, 'mold': 6.779812257300814, 'molded': 8.620361890698302, 'molding': 8.237369638442196, 'molds': 8.84350544201251, 'molecular': 9.025826998806465, 'molecule': 9.942117730680621, 'molecules': 8.725722406356127, 'mom': 6.500098354498211, 'moment': 5.112804493045236, 'moments': 5.795022603072991, 'momentum': 7.234067529578411, 'mommy': 9.18834592830424, 'moms': 8.438040333904347, 'mon': 10.075649123305144, 'monarch': 9.131187514464292, 'monday': 7.108904386624405, 'mondays': 8.55582336956073, 'monet': 9.45660991489892, 'monetarily': 9.313509071258247, 'monetary': 7.910685408187145, 'money': 4.239586037926072, 'mongolia': 10.075649123305144, 'monies': 8.620361890698302, 'monitor': 5.760067588039415, 'monitored': 8.192917875871363, 'monitoring': 7.0176129646149975, 'monitors': 7.878424545968924, 'monkey': 8.763462734338976, 'monkeys': 9.382501942745199, 'mono': 8.763462734338976, 'monolingual': 8.725722406356127, 'monologues': 9.942117730680621, 'monopoly': 9.18834592830424, 'monotonous': 9.18834592830424, 'monotony': 8.84350544201251, 'monster': 7.758879395319141, 'monsters': 8.802683447492257, 'montage': 9.942117730680621, 'montana': 8.495198747744295, 'montessori': 6.99767875151418, 'montgomery': 9.382501942745199, 'month': 5.547668576008182, 'monthly': 6.4494052240182692, 'months': 5.496529614516994, 'monument': 9.824334695024238, 'monumental': 8.410641359716232, 'monuments': 9.025826998806465, 'mood': 7.2175382276272, 'moods': 8.35799762623081, 'moody': 9.382501942745199, 'moon': 7.024346998596342, 'moons': 9.71897417936641, 'moore': 9.077120293194016, 'moose': 9.942117730680621, 'mop': 9.824334695024238, 'moral': 7.590742473517143, 'morale': 7.704071158824147, 'morality': 9.824334695024238, 'morals': 8.93051681900214, 'more': 5.1158059960489926, 'moreover': 7.123719472409546, 'morning': 4.104022918416826, 'mornings': 7.294171453648116, 'morocco': 9.942117730680621, 'morrison': 9.942117730680621, 'mortar': 9.623663999562087, 'mosaic': 8.33267981824652, 'mosaics': 9.077120293194016, 'most': 3.3078129419035407, 'mostly':

4.9157731428791855, 'motel': 10.075649123305144, 'motels': 8.58757206787531, 'moth': 9.942117730680621, 'mother': 7.079916849751153, 'motherboard': 9.942117730680621, 'mothers': 8.150358261452567, 'motifs': 9.71897417936641, 'motion': 5.42168877314762, 'motions': 8.28388965407709, 'motivate': 4.54000357045094, 'motivated': 3.694558532118743, 'motivates': 6.138236883872178, 'motivating': 5.560091096006739, 'motivation': 4.522135981768228, 'motivational': 7.031126685581721, 'motivations': 8.802683447492257, 'motivator': 6.95896423933349, 'motivators': 8.260359156666894, 'motive': 9.382501942745199, 'motives': 9.71897417936641, 'moto': 9.824334695024238, 'motor': 4.5997834787158105, 'motorized': 10.075649123305144, 'motors': 7.9785080045259065, 'motto': 5.660256794787462, 'mound': 10.075649123305144, 'mount': 7.9785080045259065, 'mountain': 7.16952900844084, 'mountainous': 9.94 2117730680621, 'mountains': 6.412087477175497, 'mounted': 8.35799762623081, 'mounting': 8.763462734338976, 'mounts': 10.075649123305144, 'mouse': 6.231599101463203, 'mouses': 9.942117730680621, 'mouth': 8.171411670650398, 'mouthpiece': 9.18834592830424, 'mouthpieces': 8.35799762623081, 'mouths': 8.466211210871043, 'movable': 8.192917875871363, 'move': 2.963554561687972, 'moveable': 8.763462734338976, 'moved': 5.5009381448017605, 'movement': 3.627890567229717, 'movements': 6.210418279383757, 'movers': 7.396586459076186, 'moves': 6.655583257338606, 'movie': 6.3725850341992505, 'movies': 6.301247495753045, 'movin': 9.824334695024238, 'moving': 3.80953346773702, 'mozart': 9.382501942745199, 'mp3': 8.171411670650398, 'mr': 7.051745972784456, 'mrs': 6.204448112397253, 'ms': 6.210418279383757, 'mt': 8.802683447492257, 'much': 2.6427427504123724, 'mud': 9.18834592830424, 'mudge': 9.248970550120676, 'muertos': 9.824334695024238, 'muffin': 10.075649123305144, 'muffins': 10.075649123305144, 'muffs': 9.942117730680621, 'mugs': 9.623663999562087, 'muhammad': 9.623663999562087, 'mulch': 9.313509071258247, 'multi': 5.16509728776587, 'multiage': 8.93051681900214, 'multicultural': 6.0761386637538815, 'multiculturalism': 9.18834592830424, 'mult idisciplinary': 9.623663999562087, 'multiethnic': 9.623663999562087, 'multifaceted': 9.248970550120676, 'multifunctional': 9.942117730680621, 'multilingual': 7.84717200246482, 'multimedia': 6.718254364301381, 'multimodal': 10.075649123305144, 'multiple': 3.876880088912698, 'multiples': 9.025826998806465, 'multiplication': 6.045208363062523, 'multiplied': 10.075649123305144, 'multiply': 7.602718664563859, 'multiplying': 8.35799762623081, 'multipurpose': 8.725722406356127, 'multiracial': 8.654263442373983, 'multisensory': 8.12973897424983, 'multistep': 9.942117730680621, 'multitask': 9.824334695024238, 'multitasking': 9.131187514464292, 'multitude': 5.835350648459963, 'multitudes': 9.71897417936641, 'mummies': 9.824334695024238, 'munch': 9.942117730680621, 'munching': 10.075649123305144, 'munchkins': 9.623663999562087, 'mundane': 8.171411670650398, 'municipal': 10.075649123305144, 'mural': 8.10953626693231, 'murals': 8.051267358808335, 'murder': 8.802683447492257, 'murphy': 9.824334695024238, 'muscle': 6.408431165972386, 'muscles': 5.435387617505782, 'muscular': 8.192917875871363, 'museum': 7.010923978264201, 'museums': 7.0448255299398825, 'mushroom': 10.075649123305144, 'music': 4.0088783426536185, 'musical': 5.328235604090508, 'musicality': 8.725722406356127, 'musically': 7.8319045303340316, 'musicals': 8.438040333904347, 'musician': 8.1 2973897424983, 'musicians': 6.025107183741436, 'musicianship': 8.28388965407709, 'muslim': 9.536652622572456, 'must': 4.002933807314708, 'mustangs': 10.075649123305144, 'mute': 9.536652622572456, 'muted': 9.942117730680621, 'mutes': 10.075649123305144, 'mutual': 7.996207581625308, 'mutually': 9.824334695024238, 'mvps': 9.942117730680621, 'my': 1.2440832441840806, 'myanmar': 9.18834592830424, 'myers': 9.248970550120676, 'myon': 7.758879395319141, 'myp': 9.71897417936641, 'myplate': 8.977036834637033, 'myriad': 6.97813415544121, 'myrtle': 10.075649123305144, 'myself': 8.654263442373983, 'mysteries': 7.862676189000785, 'mysterious': 9.025826998806465, 'mystery': 7.225768726763715, 'myth': 9.248970550120676, 'mythology': 8.171411670650398, 'myths': 8.410641359716232, 'nabi': 9.536652622572456, 'naeyc': 9.824334695024238, 'nail': 9.536652622572456, 'nails': 9.313509071258247, 'naked': 9.313509071258247, 'name': 5.151505860562331, 'named': 7.072799381982288, 'namely': 8.977036834637033, 'nameplate': 9.824334695024238, 'nameplates': 9.382501942745199, 'names': 6.183828825194517, 'naming': 8.84350544201251, 'nancy': 8.84350544201251, 'nannan': 1.0460601129533982, 'nano': 9.942117730680621, 'nap': 8.725722406356127, 'napkins': 9.382501942745199, 'napoleon': 9.942117730680621, 'naps': 9.536652622572456, 'narrate': 9.536652622572456, 'narration': 9.536652622572456, 'narrative': 6.885760835310195, 'narratives': 7.303060401065363, 'narrator': 8.84350544201251, 'narrators': 9.077120293194016, 'narrow': 8.014226087127986, 'narrowed': 9.623663999562087, 'narrowing': 9.71897417936641, 'nasa': 8.466211210871043, 'nashua': 9.942117730680621, 'nashville': 8.93051681900214, 'nasp': 10.075649123305144, 'nasty': 9.942117730680621, 'nate': 8.84350544201251, 'nation': 5.885994381278718, 'national': 5.546126555656367, 'nationalities': 6.9 4638545712663, 'nationality': 9.313509071258247, 'nationally': 7.927214710138356, 'nations': 7.555651153705873, 'nationwide': 8.410641359716232, 'native': 5.011247405053227, 'natives': 6.9911213509680215, 'natural': 5.003157473291256, 'naturalist': 9.824334695024238, 'naturally': 5.785189682156752, 'nature': 5.446483431760837, 'natured': 9.824334695024238, 'natures': 9.71897417936641, 'naughty': 10.075649123305144, 'navajo': 9.077120293194016, 'naval': 9.536652622572456, 'navigate': 5.688279644220766, 'navigates': 10.075649123305144, 'navigating': 7 .138757349774086, 'navigation': 9.18834592830424, 'navy': 8.802683447492257, 'nazi': 10.075649123305144, 'nba': 9.623663999562087, 'nc': 7.146361949159306, 'ne': 9.824334695024238, 'near': 5.506846581487927, 'nearby': 6.650921244232794, 'nearest': 8.070315553779029, 'nearing': 9.18834592830424, 'nearly': 5.268121353762677, 'nearpod': 7.910685408187145, 'nears': 10.075649123305144, 'neat': 6.468599687438839, 'neater': 10.075649123305144, 'neatly': 7.457211080892621, 'neatness': 9.942117730680621, 'nebraska': 8.58757206787531, 'neccessary': 10.075649123305144, 'necessarily': 7.0176129664149975, 'necessary': 3.6870877177595136, 'necessitate': 9.536652622572456, 'necessitates': 9.248970550120676, 'necessities': 5.695409799205358, 'necessity': 6.065721902895626, 'neck': 8.260359156666894, 'necklace': 9.025826998806465, 'necklaces': 8.886065056431306, 'nee': 9.942117730680621, 'need': 1.6702817470711628, 'needed': 3.310939744418159, 'neediest': 8.35799762623081, 'needing':

5.8582444683258155, 'needle': 9.248970550120676, 'needles': 8.84350544201251, 'needless': 7.396586459076186, 'needs': 2.445326567395933, 'needy': 7.348730437898551, 'negative': 5.955451182256709, 'negatively': 7.510699765843607, 'negatives': 8.654263442373983, 'negativity': 8.525051710893976, 'neglect': 7.927214710138356, 'neglected': 7.8319045303340316, 'negotiable': 9.824334695024238, 'negotiate': 8.410641359716232, 'negotiating': 9.623663999562087, 'negotiation': 9.623663999562087, 'neighbor': 7.6271101176880185, 'neighborhood': 3.849394820248553, 'neighborhoods': 5.076508208634623, 'neighboring': 6.874064795547004, 'neighbors': 7.079916849751153, 'neil': 8.97703683437033, 'neither': 7.276627143997207, 'nelson': 7.2175382276272, 'neon': 9.248970550120676, 'nepal': 7.787452767763197, 'nepali': 8.763462734338976, 'nephews': 9.942117730680621, 'nerd': 9.623663999562087, 'nerds': 9.942117730680621, 'nerve': 8.689354762185253, 'nerves': 8.97703683437033, 'nervous': 6.679225020395646, 'nervousness': 9.45660991489892, 'nest': 9.382501942745199, 'nesting': 9.824334695024238, 'nestled': 6.688840479095088, 'nests': 9.45660991489892, 'net': 7.225768726763715, 'netbooks': 9.45660991489892, 'netflix': 10.075649123305144, 'nets': 7.690825932074126, 'network': 7.436591793689885, 'networked': 10.075649123305144, 'networking': 9.313509071258247, 'networks': 8.93051681900214, 'neural': 9.623663999562087, 'neuro': 9.71897417936641, 'neurological': 8.55582336956073, 'neurons': 9.313509071258247, 'neuroscience': 9.71897417936641, 'neurotransmitters': 10.075649123305144, 'neutral': 9.536652622572456, 'nevada': 7.367598922202934, 'never': 3.5333830300147118, 'nevertheless': 7.816866652969491, 'new': 2.00926215896705034, 'newark': 9.077120293194016, 'newberry': 9.71897417936641, 'newbery': 9.313509071258247, 'newcomer': 8.38397311263407, 'newcomers': 7.32107890656804, 'newer': 6.97813415544121, 'newest': 6.779812257300814, 'newfound': 8.466211210871043, 'newly': 6.160773048894591, 'newness': 10.075649123305144, 'news': 5.240501646424278, 'newscast': 9.382501942745199, 'newscasts': 9.313509071258247, 'newsela': 8.28388965407709, 'newsletter': 8.38397311263407, 'newsletters': 8.150358261452567, 'newspaper': 7.031126685581721, 'newspapers': 7.478264490090453, 'newsweek': 9.71897417936641, 'newton': 7.488959779207201, 'newtons': 10.075649123305144, 'nex': 7.457211080892621, 'next': 3.716322442867865, 'nfl': 8.97703683437033, 'ngss': 7.488959779207201, 'nh': 8.97703683437033, 'nicaragua': 9.248970550120676, 'nice': 5.371280223773035, 'nicely': 7.731099831212066, 'nicer': 8.725722406356127, 'nicest': 8.763462734338976, 'niche': 8.525051710893976, 'nick': 10.075649123305144, 'nickels': 9.942117730680621, 'nickname': 9.45660991489892, 'nicknamed': 9.824334695024238, 'nieces': 10.075649123305144, 'nigeria': 8.763462734338976, 'night': 5.329475529853829, 'nightly': 7.816866652969491, 'nightmare': 8.802683447492257, 'nights': 7.072799381982288, 'nike': 9.824334695024238, 'nine': 6.094633246390046, 'nineteen': 8.150358261452567, 'ninety': 6.34138666334339, 'ninja': 8.802683447492257, 'ninjas': 9.71897417936641, 'nintendo': 9.623663999562087, 'ninth': 7.446848293857074, 'nit': 9.077120293194016, 'nitrogen': 9.536652622572456, 'nj': 7.8319045303340316, 'nm': 9.71897417936641, 'no': 3.0659821260789455, 'nobel': 9.18834592830424, 'noble': 9.131187514464292, 'nobody': 7.894424887315365, 'noise': 5.823080555868149, 'noises': 7.544222457882251, 'noisy': 7.185277365408979, 'nominated': 8.763462734338976, 'nominees': 9.248970550120676, 'non': 4.237086036623988, 'none': 6.284986974881265, 'nonetheless': 7.8319045303340316, 'nonexistent': 8.214896782590138, 'nonfiction': 5.324525024693973, 'nonfictional': 10.075649123305144, 'nonliving': 10.075649123305144, 'nonprofit': 9.313509071258247, 'nonreaders': 10.075649123305144, 'nonsense': 9.71897417936641, 'nonstop': 9.18834592830424, 'nontraditional': 7.816866652969491, 'nonverbal': 7.276627143997207, 'noodle': 7.677753850506773, 'noodles': 8.55582336956073, 'nook': 7.072799381982288, 'nooks': 8.620361890698302, 'noon': 9.942117730680621, 'nor': 6.337979505021775, 'norfolk': 9.942117730680621, 'norm': 7.031126685581721, 'normal': 5.791077824781975, 'normalcy': 7.704071158824147, 'normally': 6.063134579330675, 'norman': 10.075649123305144, 'norms': 7.758879395319141, 'north': 5.324525024693973, 'northeast': 7.478264490090453, 'northeastern': 9.025826998806465, 'northern': 6.457038865037763, 'northside': 9.536652622572456, 'northwest': 7.544222457882251, 'nose': 8.84350544201251, 'noses': 7.878424545968924, 'not': 1.4498065447884645, 'notability': 9.623663999562087, 'notable': 9.025826998806465, 'notably': 9.382501942745199, 'notate': 10.075649123305144, 'notation': 7.787452767763197, 'notch': 7.544222457882251, 'note': 6.124405404723716, 'notebook': 5.981304561083043, 'notebooking': 9.536652622572456, 'notebooks': 5.140147968717922, 'notecards': 9.942117730680621, 'noted': 8.260359156666894, 'notepads': 9.313509071258247, 'notes': 5.011247405053227, 'notetaking': 9.942117730680621, 'noteworthy': 9.248970550120676, 'nothe': 9.942117730680621, 'nothing': 4.809264803860116, 'notice': 6.262657498483176, 'noticeable': 9.18834592830424, 'noticed': 5.582208901260358, 'notices': 8.654263442373983, 'noticing': 7.787452767763197, 'notified': 9.942117730680621, 'noting': 9.18834592830424, 'notion': 8.171411670650398, 'notions': 9.45660991489892, 'notorious': 9.45660991489892, 'notoriously': 9.248970550120676, 'nots': 9.077120293194016, 'nouns': 8.654263442373983, 'nourish': 7.84717200246482, 'nourished': 8.689354762185253, 'nourishes': 9.942117730680621, 'nourishing': 9.248970550120676, 'nourishment': 8.620361890698302, 'novel': 5.141175190174452, 'novelists': 9.536652622572456, 'novels': 5.03499281295403, 'novelty': 8.237369638442196, 'november': 7.9785080045259065, 'novice': 8.689354762185253, 'now': 5.137072620317674, 'nowadays': 8.051267358808335, 'nowhere': 8.09973363963613, 'npr': 9.71897417936641, 'nspire': 9.536652622572456, 'nsta': 10.075649123305144, 'nuanced': 9.824334695024238, 'nuances': 9.025826998806465, 'nuclear': 8.466211210871043, 'nudge': 9.131187514464292, 'numb': 9.248970550120676, 'number': 3.9947356961428278, 'numbered': 9.077120293194016, 'numbering': 9.71897417936641, 'numbers': 4.73126638991386, 'numeracy': 8.10953626693231, 'numeral': 9.536652622572456, 'numerals': 8.97703683437033, 'numeric': 9.536652622572456, 'numerical': 8.97703683437033, 'numerous': 5.435387617505782, 'nurse': 7.614840025096203, 'nursery': 7.996207581625308, 'nurses': 7.758879395319141, 'nursing': 9.131187514464292, 'nurture': 6.324465785855052, 'nurtured': 7.339428045236237, 'nurtures': 8.525051710893976, 'nurturing': 5.677678838234126, 'nut': 9.313509071258247, 'nutri': 9.536652622572456, 'nutrient': 7.225768726763715, 'nutrients': 7.9785080045259065, 'nutrition': 5.73184370145146, 'nutritional':

7.16952900844084, 'nutritious': 6.812073119519036, 'nuts': 8.410641359716232, 'nutshell': 9.623663999562087, 'nv': 9.536652622572456, 'nwea': 9.025826998806465, 'ny': 6.774535200199971, 'nyc': 6.801203447282132, 'nye': 9.382501942745199, 'nys': 9.131187514464292, 'oahu': 9.025826998806465, 'oak': 8.725722406356127, 'oakland': 7.2175382276272, 'oasis': 8.150358261452567, 'oatmeal': 9.382501942745199, 'obama': 8.38397311263407, 'obedient': 9.942117730680621, 'obese': 7.84717200246482, 'obesity': 6.614387500900338, 'object': 6.834173466519702, 'objective': 7.116284493922027, 'objectives': 6.216424303443969, 'objects': 5.301339117225162, 'obligated': 9.71897417936641, 'obligation': 8.237369638442196, 'obligations': 9.131187514464292, 'oboe': 9.942117730680621, 'obscure': 10.075649123305144, 'observable': 9.536652622572456, 'observant': 8.55582336956073, 'observation': 7.20127770675542, 'observational': 9.025826998806465, 'observations': 6.324465785855052, 'observe': 5.773516397852028, 'observed': 7.079916849751153, 'observer': 9.382501942745199, 'observers': 9.313509071258247, 'observing': 6.758869083455571, 'obsessed': 8.410641359716232, 'obsolete': 8.525051710893976, 'obstacle': 6.178014855329097, 'obstacles': 4.586121252545906, 'obtain': 5.679437853639305, 'obtainable': 9.248970550120676, 'obtained': 7.816866652969491, 'obtaining': 6.5409203490184655, 'obtains': 9.942117730680621, 'obvious': 7.20127770675542, 'obviously': 7.84717200246482, 'occasion': 7.234067529578411, 'occasional': 8.150358261452567, 'occasionally': 7.6395326376865755, 'occasions': 7.664850445670865, 'occupation': 9.077120293194016, 'occupational': 6.623396570842704, 'occupations': 8.763462734338976, 'occupied': 8.237369638442196, 'occupy': 8.886065056431306, 'occur': 6.253238276566685, 'occurred': 8.070315553779029, 'occurrence': 7.717494179156287, 'occurrences': 9.18834592830424, 'occurring': 7.787452767763197, 'occurs': 6.764063900332675, 'ocd': 9.536652622572456, 'ocean': 6.828602421470246, 'oceans': 8.33267981824652, 'october': 7.731099831212066, 'octopus': 9.942117730680621, 'oculus': 9.942117730680621, 'odd': 7.6395326376865755, 'oddly': 9.824334695024238, 'odds': 5.96010235343244, 'ode': 9.623663999562087, 'odor': 9.623663999562087, 'odyssey': 8.689354762185253, 'of': 6.025107183741436, 'off': 9.623663999562087, 'offensive': 9.45660991489892, 'offer': 4.015525093611448, 'offered': 5.684733541214015, 'offering': 5.587012753573004, 'offerings': 8.438040333904347, 'offers': 5.248478896704921, 'office': 6.175120497302733, 'officer': 8.725722406356127, 'officers': 8.070315553779029, 'offices': 8.725722406356127, 'official': 8.032575225796183, 'officially': 8.410641359716232, 'officials': 9.248970550120676, 'offline': 10.075649123305144, 'offs': 9.248970550120676, 'offset': 9.623663999562087, 'offspring': 9.942117730680621, 'often': 2.967404983573603, 'oftentimes': 7.2175382276272, 'oh': 6.592213643406016, 'ohana': 9.248970550120676, 'ohi': 9.824334695024238, 'ohio': 6.856773298436943, 'oil': 6.903565459943701, 'oils': 8.032575225796183, 'ok': 7.446848293857074, 'okay': 7.05871464210055, 'oklahoma': 6.545095720428946, 'ol': 9.131187514464292, 'old': 3.5995562679479685, 'older': 5.304964498839479, 'olders': 10.075649123305144, 'oldest': 7.348730437898551, 'olds': 4.589667355552656, 'ole': 9.623663999562087, 'oliver': 9.18834592830424, 'ollie': 9.18834592830424, 'olympiad': 9.18834592830424, 'olympian': 9.942117730680621, 'olympians': 9.45660991489892, 'olympic': 8.28388965407709, 'olympics': 7.878424545968924, 'omaha': 9.025826998806465, 'on': 5.128917631188368, 'once': 5.177809323354232, 'one': 2.02471799809112, 'onenote': 9.824334695024238, 'ones': 4.601579348698621, 'oneself': 9.131187514464292, 'ongoing': 6.812073119519036, 'onions': 10.075649123305144, 'online': 4.065082474323675, 'only': 6.839775722068372, 'ons': 9.382501942745199, 'onset': 9.536652622572456, 'onsite': 9.942117730680621, 'onstage': 9.824334695024238, 'onto': 5.64653445253236, 'onward': 8.977036834637033, 'oobleck': 9.824334695024238, 'oodles': 9.942117730680621, 'oohs': 10.075649123305144, 'oops': 9.942117730680621, 'opaque': 9.942117730680621, 'open': 3.9785383870621747, 'opened': 6.127156438095606, 'opener': 9.71897417936641, 'opening': 6.017672205253918, 'openings': 9.623663999562087, 'openly': 8.886065056431306, 'openness': 9.623663999562087, 'opens': 6.1722344924135975, 'opera': 7.862676189000785, 'operate': 6.764063900332675, 'operated': 9.131187514464292, 'operates': 8.070315553779029, 'operating': 7.416389086372366, 'operation': 7.567211976106949, 'operational': 9.382501942745199, 'operations': 7.2593853375627, 'operative': 9.942117730680621, 'opinion': 6.504106375895749, 'opinionated': 9.025826998806465, 'opinions': 6.2439069491378, 'opponent': 9.824334695024238, 'opponents': 9.536652622572456, 'opportunites': 9.131187514464292, 'opportunities': 2.849544014705942, 'opportunity': 2.4763908718755503, 'opposed': 7.138757349774086, 'opposing': 9.536652622572456, 'opposite': 7.704071158824147, 'opposites': 9.824334695024238, 'opposition': 9.942117730680621, 'oppositional': 8.93051681900214, 'oppressed': 10.075649123305144, 'oppression': 8.886065056431306, 'oppurtunity': 10.075649123305144, 'oprah': 9.824334695024238, 'opt': 8.725722406356127, 'opted': 9.025826998806465, 'optical': 9.824334695024238, 'optics': 9.536652622572456, 'optimal': 6.492130184849033, 'optimally': 9.71897417936641, 'optimism': 7.677753850506773, 'optimistic': 7.348730437898551, 'optimize': 7.312029071048123, 'optimized': 9.623663999562087, 'optimizes': 9.71897417936641, 'optimizing': 9.623663999562087, 'optimum': 8.438040333904347, 'opting': 10.075649123305144, 'option': 4.614848542182816, 'optional': 7.894424887315365, 'options': 3.7738153851349407, 'or': 6.570520818794757, 'oral': 6.060553932737183, 'orally': 8.12973897424983, 'orange': 7.744893153344401, 'oranges': 9.824334695024238, 'orchard': 9.382501942745199, 'orchards': 9.71897417936641, 'orchestra': 6.660267106651031, 'orchestral': 9.077120293194016, 'orchestras': 9.536652622572456, 'order': 3.025402710327012, 'ordered': 7.05871464210055, 'ordering': 7.910685408187145, 'orderly': 7.910685408187145, 'orders': 8.237369638442196, 'ordinarily': 9.131187514464292, 'ordinary': 7.05871464210055, 'oregon': 7.2593853375627, 'orff': 7.731099831212066, 'org': 5.870956503914178, 'organ': 8.38397311263407, 'organelles': 9.131187514464292, 'organic': 7.532922902628317, 'organically': 9.025826998806465, 'organism': 8.171411670650398, 'organisms': 7.185277365408979, 'organization': 5.009443978054077, 'organizational': 5.941626077264867, 'organizations': 7.0727993381982288, 'organize': 5.064061901483505, 'organized': 4.301541331928212, 'organizer': 6.933962937128073, 'organizers': 6.457038865037763, 'organizes': 9.71897417936641, 'organizing': 6.362077056600835, 'organs': 8.032575225796183, 'orientated': 8.84350544201251, 'orientation':

8.525051710893976, 'orientations': 10.075649123305144, 'oriented': 6.383204603026711, 'origami': 8
.10953626693231, 'origin': 8.237369638442196, 'original': 6.132681314027576, 'originality':
9.536652622572456, 'originally': 7.80205156718435, 'originate': 9.313509071258247, 'originated':
9.71897417936641, 'origins': 8.410641359716232, 'orlando': 8.654263442373983, 'orleans':
7.758879395319141, 'ornaments': 9.824334695024238, 'orthopedic': 7.961116261814038, 'orton':
9.623663999562087, 'orwell': 9.18834592830424, 'os': 9.824334695024238, 'oscar': 9.45660991489892,
'osmo': 5.577428015660017, 'osmos': 7.744893153344401, 'ostrich': 9.71897417936641, 'ot':
8.192917875871363, 'othello': 9.71897417936641, 'other': 5.7619778082955335, 'others':
3.1734808511917905, 'otherwise': 5.1299333753082035, 'otter': 9.71897417936641, 'otterbox':
9.248970550120676, 'otterboxes': 10.075649123305144, 'ottoman': 9.45660991489892, 'ottomans':
8.725722406356127, 'ouch': 9.942117730680621, 'ounce': 9.382501942745199, 'our':
1.9283608645985195, 'ours': 7.690825932074126, 'ourselves': 9.942117730680621, 'out':
6.66970113888439, 'outbreak': 10.075649123305144, 'outburst': 9.824334695024238, 'outbursts': 8.41
0641359716232, 'outcome': 7.0176129664149975, 'outcomes': 6.504106375895749, 'outdated':
5.7007909781098745, 'outdoor': 5.663717005852357, 'outdoors': 6.344805470092175, 'outer':
8.032575225796183, 'outfit': 8.28388965407709, 'outfits': 8.977036834637033, 'outfitted':
9.623663999562087, 'outgoing': 6.99767875151418, 'outgrow': 10.075649123305144, 'outgrowing':
9.824334695024238, 'outgrown': 9.131187514464292, 'outings': 9.131187514464292, 'outlet':
5.220276237888837, 'outlets': 6.570520818794757, 'outline': 8.525051710893976, 'outlined':
8.654263442373983, 'outlines': 9.623663999562087, 'outlining': 9.71897417936641, 'outlook':
6.812073119519036, 'outlooks': 9.077120293194016, 'outnumber': 9.45660991489892, 'outperform':
9.45660991489892, 'outperforming': 9.824334695024238, 'output': 7.6271101176880185, 'outputs': 9.7
1897417936641, 'outrageous': 9.942117730680621, 'outreach': 7.927214710138356, 'outs':
7.396586459076186, 'outside': 3.2500339881739926, 'outsider': 10.075649123305144, 'outsiders': 8.4
38040333904347, 'outskirts': 7.758879395319141, 'outspoken': 9.025826998806465, 'outstanding':
6.281766360181223, 'outward': 9.536652622572456, 'outweigh': 9.248970550120676, 'oval':
10.075649123305144, 'oven': 8.28388965407709, 'ovens': 9.45660991489892, 'over':
4.751942522752287, 'overabundance': 9.248970550120676, 'overachievers': 9.623663999562087,
'overall': 4.787382092610608, 'overarching': 9.248970550120676, 'overbearing': 10.075649123305144,
'overcame': 9.623663999562087, 'overcome': 4.662728374018103, 'overcomers': 9.942117730680621,
'overcomes': 9.382501942745199, 'overcoming': 6.823062241094631, 'overcrowded': 7.396586459076186,
'overcrowding': 8.977036834637033, 'overdrive': 9.313509071258247, 'overdue': 10.075649123305144,
'overflow': 8.725722406356127, 'overflowing': 8.08973363963613, 'overgrown': 9.942117730680621,
'overhaul': 9.623663999562087, 'overhead': 7.758879395319141, 'overheard': 9.536652622572456,
'overjoyed': 7.996207581625308, 'overlap': 9.623663999562087, 'overlapping': 9.45660991489892,
'overload': 8.237369638442196, 'overloaded': 9.71897417936641, 'overlook': 8.689354762185253,
'overlooked': 7.116284493922027, 'overly': 8.438040333904347, 'overnight': 8.214896782590138,
'overpopulated': 9.313509071258247, 'overrated': 7.510699765843607, 'overrides':
10.075649123305144, 'overrun': 9.536652622572456, 'overs': 9.536652622572456, 'overseas':
8.410641359716232, 'oversee': 9.382501942745199, 'overshadow': 9.942117730680621, 'overshadowed':
9.45660991489892, 'oversized': 8.654263442373983, 'overstated': 9.824334695024238,
'overstimulated': 8.525051710893976, 'overstimulating': 9.71897417936641, 'overstimulation':
9.824334695024238, 'overtime': 9.025826998806465, 'overuse': 9.45660991489892, 'overview':
9.313509071258247, 'overweight': 8.032575225796183, 'overwhelm': 9.623663999562087, 'overwhelmed':
6.812073119519036, 'overwhelming': 6.169356792585982, 'overwhelmingly': 8.260359156666894, 'owe':
8.654263442373983, 'owl': 7.426439422225867, 'owls': 8.58757206787531, 'own': 7.717494179156287, '
owned': 7.910685408187145, 'owner': 9.536652622572456, 'owners': 8.10953626693231, 'ownership': 4.
784500246235719, 'owning': 8.38397311263407, 'owns': 8.977036834637033, 'oxygen':
6.404788174693886, 'oyster': 9.45660991489892, 'oz': 9.623663999562087, 'ozmo':
10.075649123305144, 'ozobot': 7.367598922202934, 'ozobots': 7.05871464210055, 'pa':
7.704071158824147, 'pablo': 8.802683447492257, 'pace': 5.001368564048532, 'paced':
6.301247495753045, 'paces': 8.12973897424983, 'pacific': 6.965313467012149, 'pacing':
8.014226087127986, 'pack': 6.516227736428094, 'package': 7.6271101176880185, 'packaged':
9.382501942745199, 'packages': 7.84717200246482, 'packaging': 9.71897417936641, 'packed':
6.868267677862678, 'packet': 8.93051681900214, 'packets': 7.878424545968924, 'packing':
8.689354762185253, 'packs': 6.885760835310195, 'pad': 6.52030106181573, 'padded':
8.55582336956073, 'padding': 8.654263442373983, 'paddle': 9.248970550120676, 'paddles':
8.689354762185253, 'padlet': 8.620361890698302, 'pads': 6.010292097956295, 'page':
5.720773477697213, 'pages': 5.760067588039415, 'paid': 7.521749602030192, 'pail':
8.38397311263407, 'pain': 7.499770695311416, 'painful': 8.802683447492257, 'painfully':
9.824334695024238, 'painless': 10.075649123305144, 'pains': 8.08973363963613, 'paint':
5.348261304592803, 'paintbrush': 9.025826998806465, 'paintbrushes': 8.495198747744295, 'painted':
7.510699765843607, 'painter': 9.71897417936641, 'painters': 8.495198747744295, 'painting':
6.037622991673266, 'paintings': 7.294171453648116, 'paints': 6.94638545712663, 'pair':
6.247007726816048, 'paired': 6.97813415544121, 'pairing': 8.438040333904347, 'pairs':
6.2439069491378, 'pajamas': 9.45660991489892, 'pakistan': 7.927214710138356, 'pakistani':
9.382501942745199, 'pal': 8.84350544201251, 'palace': 10.075649123305144, 'palacio':
8.93051681900214, 'paleontologists': 9.536652622572456, 'palestine': 9.71897417936641, 'palette':
9.45660991489892, 'palettes': 9.824334695024238, 'palfrey': 9.942117730680621, 'palm':
8.10953626693231, 'palmer': 9.942117730680621, 'palmetto': 9.623663999562087, 'palo':
9.71897417936641, 'palpable': 9.18834592830424, 'pals': 8.10953626693231, 'palsy':
7.138757349774086, 'pamphlets': 9.248970550120676, 'pan': 9.248970550120676, 'panama':
9.71897417936641, 'pancake': 9.536652622572456, 'pancakes': 9.824334695024238, 'pandas':
10.075649123305144, 'panel': 8.33267981824652, 'panels': 8.260359156666894, 'panhandle':
9.45660991489892, 'panic': 9.942117730680621, 'pans': 8.150358261452567, 'panther':
9.382501942745199, 'panthers': 9.71897417936641, 'pantries': 9.45660991489892, 'pantry':
6.817552585283662, 'pants': 7.406438755519197, 'paper': 3.6744429113217367, 'paperback':

8.438040333904347, 'paperbacks': 9.824334695024238, 'paperclips': 10.075649123305144, 'paperless': 7.446848293857074, 'papers': 5.517271098823811, 'paperwork': 8.495198747744295, 'par': 7.996207581625308, 'para': 8.763462734338976, 'parachute': 7.185277365408979, 'parachutes': 8.171411670650398, 'parade': 8.763462734338976, 'parades': 8.438040333904347, 'paradigm': 8.802683447492257, 'paradise': 9.18834592830424, 'paragraph': 7.84717200246482, 'paragraphs': 7.664850445670865, 'parallel': 7.944021828454737, 'parallels': 9.71897417936641, 'parameters': 8.977036834637033, 'paramount': 7.704071158824147, 'paraprofessional': 8.08973363963613, 'paraprofessionals': 8.654263442373983, 'parcc': 8.260359156666894, 'parent': 4.051855689081801, 'parental': 6.11076262831993, 'parenting': 8.725722406356127, 'parents': 3.1795327428616456, 'paris': 9.824334695024238, 'parish': 7.521749602030192, 'park': 6.324465785855052, 'parking': 8.620361890698302, 'parks': 7.20937491698804, 'parlor': 10.075649123305144, 'parochial': 9.824334695024238, 'part': 3.0137023490021813, 'partake': 7.555651153705873, 'partial': 8.438040333904347, 'partially': 8.689354762185253, 'participant': 8.35799762623081, 'participants': 6.351678349379937, 'participate': 3.7559091067801273, 'participated': 7.2593853375627, 'participates': 7.426439422225867, 'participating': 5.131967964005991, 'participation': 5.524784282174594, 'participatory': 9.248970550120676, 'particular': 5.357150252010049, 'particularly': 6.025107183741436, 'parties': 7.80205156718435, 'partition': 9.313509071258247, 'partitions': 7.84717200246482, 'partly': 9.71897417936641, 'partner': 4.998691186277815, 'partnered': 8.070315553779029, 'partnering': 7.602718664563859, 'partners': 5.539982143084026, 'partnership': 7.010923978264201, 'partnerships': 7.20127770675542, 'parts': 4.9100471558643, 'party': 7.339428045236237, 'paso': 10.075649123305144, 'pass': 5.750570840502157, 'passage': 7.532922902628317, 'passages': 6.758869083455571, 'passed': 7.0042794355455325, 'passengers': 9.71897417936641, 'passes': 7.787452767763197, 'passing': 6.605458870156037, 'passion': 4.395476514288076, 'passionate': 4.961941644069073, 'passionately': 8.495198747744295, 'passions': 6.48422500534192, 'passive': 7.677753850506773, 'passively': 8.58757206787531, 'passport': 9.248970550120676, 'passports': 10.075649123305144, 'password': 10.075649123305144, 'passwords': 9.623663999562087, 'past': 4.128733746109339, 'pasta': 9.18834592830424, 'paste': 7.862676189000785, 'pasted': 9.623663999562087, 'pastel': 8.495198747744295, 'pastels': 7.510699765843607, 'pastime': 9.623663999562087, 'pasting': 8.763462734338976, 'pasts': 9.45660991489892, 'pastures': 10.075649123305144, 'pat': 9.536652622572456, 'patch': 9.824334695024238, 'paterson': 9.025826998806465, 'path': 4.824123918263865, 'pathologist': 7.57890801587014, 'pathologists': 9.536652622572456, 'paths': 6.614387500900338, 'pathway': 7.131210144138703, 'pathways': 7.312029071048123, 'patience': 6.684021192659139, 'patient': 7.744893153344401, 'patiently': 8.620361890698302, 'patients': 9.077120293194016, 'patio': 9.623663999562087, 'patricia': 9.18834592830424, 'patrick': 9.536652622572456, 'patriot': 9.942117730680621, 'patriotic': 9.824334695024238, 'patriotism': 10.075649123305144, 'patrol': 9.382501942745199, 'patrons': 8.977036834637033, 'patter': 10.075649123305144, 'pattern': 6.903565549943701, 'patterned': 9.71897417936641, 'patterning': 8.032575225796183, 'patterns': 5.8170015097917664, 'patterson': 9.382501942745199, 'patty': 9.942117730680621, 'paul': 7.555651153705873, 'paulsen': 10.075649123305144, 'pause': 8.10953626693231, 'pauses': 10.075649123305144, 'pausing': 9.824334695024238, 'pave': 8.192917875871363, 'paved': 9.536652622572456, 'pavement': 9.942117730680621, 'paves': 9.623663999562087, 'paving': 9.131187514464292, 'paw': 9.18834592830424, 'paws': 8.93051681900214, 'pax': 9.824334695024238, 'pay': 5.366118921992809, 'paycheck': 8.438040333904347, 'paychecks': 9.18834592830424, 'paying': 6.390347490539091, 'payne': 9.942117730680621, 'pays': 7.677753850506773, 'pbis': 8.014226087127986, 'pbl': 7.348730437898551, 'pbls': 10.075649123305144, 'pbs': 8.84350544201251, 'pc': 8.237369638442196, 'pcs': 8.977036834637033, 'pdf': 9.18834592830424, 'pdfs': 9.942117730680621, 'pe': 5.417615447759984, 'pea': 9.623663999562087, 'peace': 6.801203447282132, 'peaceful': 7.116284493922027, 'peacefully': 8.977036834637033, 'peacemakers': 9.71897417936641, 'peach': 9.71897417936641, 'peak': 7.1773721859018655, 'peaked': 9.824334695024238, 'peaks': 9.077120293194016, 'peanut': 8.654263442373983, 'pearce': 10.075649123305144, 'pearl': 9.131187514464292, 'pearson': 9.45660991489892, 'peas': 9.313509071258247, 'pebble': 9.824334695024238, 'pebblego': 9.536652622572456, 'pebbles': 9.824334695024238, 'peck': 9.536652622572456, 'pecs': 9.18834592830424, 'peculiar': 9.536652622572456, 'pedagogy': 8.466211210871043, 'pedal': 7.602718664563859, 'pedaling': 9.18834592830424, 'pedals': 7.690825932074126, 'peddle': 9.942117730680621, 'peddlers': 9.248970550120676, 'peddling': 9.623663999562087, 'pediatric': 9.313509071258247, 'pedometer': 8.171411670650398, 'pedometers': 6.9156137984598764, 'pedro': 10.075649123305144, 'peek': 8.10953626693231, 'peeked': 10.075649123305144, 'peeking': 9.942117730680621, 'peeks': 9.536652622572456, 'peel': 9.077120293194016, 'peeling': 9.382501942745199, 'peer': 5.497996966210945, 'peers': 3.703060951856119, 'peg': 8.93051681900214, 'pegboards': 9.623663999562087, 'pegs': 8.763462734338976, 'pellet': 8.28388965407709, 'pellets': 7.944021828454737, 'pen': 6.0502974325699945, 'penalized': 9.824334695024238, 'pencil': 4.533265757201029, 'pencils': 4.354869072280371, 'pendulum': 9.025826998806465, 'penguin': 9.623663999562087, 'penguins': 9.313509071258247, 'peninsula': 8.620361890698302, 'penmanship': 8.93051681900214, 'pennants': 9.942117730680621, 'pennies': 8.689354762185253, 'pennsylvania': 7.0943055872032525, 'penny': 8.38397311263407, 'pens': 5.5647896167882935, 'pent': 7.8319045303340316, 'people': 3.7064822650663536, 'peoples': 9.077120293194016, 'pep': 7.927214710138356, 'peppermint': 9.45660991489892, 'peppers': 9.824334695024238, 'per': 5.051768602458867, 'perceive': 8.35799762623081, 'perceived': 8.410641359716232, 'percent': 4.436786194748258, 'percentage': 5.132986812795093, 'percentages': 8.214896782590138, 'percentile': 8.192917875871363, 'percents': 9.71897417936641, 'perception': 7.590742473517143, 'perceptions': 8.725722406356127, 'perceptive': 10.075649123305144, 'perceptual': 9.248970550120676, 'perch': 9.942117730680621, 'perching': 9.45660991489892, 'percussion': 6.698549293222048, 'percussionist': 9.382501942745199, 'percussionists': 8.620361890698302, 'percussive': 10.075649123305144, 'percy': 8.466211210871043, 'peregrine': 9.942117730680621, 'perfect': 4.490006890953167, 'perfected': 9.824334695024238, 'perfecting': 9.131187514464292, 'perfection': 8.725722406356127, 'perfectly': 6.812073119519036,

'perform': 4.715699239676448, 'performance': 4.827122421260123, 'performances': 6.213416782380013, 'performed': 7.339428045236237, 'performer': 9.313509071258247, 'performers': 7.590742473517143, 'performing': 4.803382433957049, 'performs': 8.620361890698302, 'perhaps': 6.566238157002755, 'perimeter': 7.6395326376865755, 'period': 5.223618859385526, 'periodic': 8.495198747744295, 'periodical': 9.942117730680621, 'periodically': 8.525051710893976, 'periodicals': 8.725722406356127, 'periods': 5.15254482169475, 'perishable': 9.536652622572456, 'perk': 9.824334695024238, 'perks': 8.84350544201251, 'permanent': 6.851075277322305, 'permanently': 8.35799762623081, 'permeated': 10.075649123305144, 'permeates': 9.71897417936641, 'permission': 8.032575225796183, 'permit': 8.35799762623081, 'permits': 8.654263442373983, 'permitted': 8.84350544201251, 'permitting': 9.248970550120676, 'perpendicular': 9.942117730680621, 'perpetuate': 9.824334695024238, 'perpetuating': 9.824334695024238, 'perry': 9.824334695024238, 'persepolis': 9.45660991489892, 'perseverance': 5.617985074425642, 'perseverant': 10.075649123305144, 'persevere': 5.7007909781098745, 'persevered': 9.313509071258247, 'persevering': 7.944021828454737, 'persian': 9.942117730680621, 'persist': 8.35799762623081, 'persistence': 7.330211390131313, 'persistent': 7.590742473517143, 'persistently': 10.075649123305144, 'person': 5.16509728776587, 'personable': 9.824334695024238, 'personal': 3.9336117177177874, 'personalities': 5.3001335715698135, 'personality': 6.327827133557757, 'personalization': 9.45660991489892, 'personalize': 7.0042794355455325, 'personalized': 5.81498334563553, 'personalizing': 8.802683447492257, 'personally': 6.035107267076019, 'personification': 10.075649123305144, 'personnel': 7.961116261814038, 'persons': 8.725722406356127, 'perspective': 6.027597845053887, 'perspectives': 6.317776797704256, 'persuade': 9.025826998806465, 'persuasion': 10.075649123305144, 'persuasive': 7.652111419893435, 'pertain': 8.689354762185253, 'pertaining': 8.10953626693231, 'pertains': 9.025826998806465, 'pertinent': 8.38397311263407, 'peru': 8.763462734338976, 'peruse': 8.84350544201251, 'peruvian': 9.942117730680621, 'pervades': 10.075649123305144, 'pervasive': 9.313509071258247, 'pesky': 9.623663999562087, 'pest': 9.824334695024238, 'pesticides': 9.623663999562087, 'pet': 7.35812017824839, 'pete': 7.944021828454737, 'peter': 9.18834592830424, 'peterson': 9.824334695024238, 'petri': 9.942117730680621, 'pets': 7.894424887315365, 'ph': 8.12973897424983, 'phantom': 9.45660991489892, 'phase': 7.521749602030192, 'phases': 8.08973363963613, 'phenomena': 7.961116261814038, 'phenomenal': 6.779812257300814, 'phenomenally': 9.536652622572456, 'phenomenon': 8.38397311263407, 'phenomenons': 9.942117730680621, 'phet': 9.536652622572456, 'philadelphia': 6.281766360181223, 'philanthropic': 10.075649123305144, 'philanthropists': 9.942117730680621, 'philanthropy': 9.942117730680621, 'philip': 9.942117730680621, 'philippines': 7.927214710138356, 'phillips': 10.075649123305144, 'philosophers': 9.71897417936641, 'philosophical': 9.71897417936641, 'philosophies': 9.18834592830424, 'philosophy': 6.426847892758618, 'phoenix': 7.555651153705873, 'phone': 6.288217995462711, 'phoneme': 10.075649123305144, 'phonemes': 9.025826998806465, 'phonemic': 6.324465785855052, 'phones': 5.733700712198672, 'phonetic': 8.410641359716232, 'phonetically': 9.824334695024238, 'phonetics': 9.623663999562087, 'phonic': 8.12973897424983, 'phonics': 5.069787107961545, 'phonological': 7.878424545968924, 'photo': 6.508130526195474, 'photocopied': 9.536652622572456, 'photocopies': 9.942117730680621, 'photocopy': 9.45660991489892, 'photocopying': 9.824334695024238, 'photograph': 7.467682380759916, 'photographed': 9.623663999562087, 'photographer': 8.654263442373983, 'photographers': 8.192917875871363, 'photographic': 8.93051681900214, 'photographing': 9.536652622572456, 'photographs': 6.698549293222048, 'photography': 6.504106375895749, 'photojournalism': 9.942117730680621, 'photos': 5.930249390282759, 'photoshop': 8.307987205656149, 'photosynthesis': 8.495198747744295, 'phrase': 7.20937491698804, 'phrases': 7.367598922202934, 'phrasing': 9.824334695024238, 'phys': 9.45660991489892, 'physical': 3.7421157846477913, 'physically': 5.023049630109855, 'physicians': 10.075649123305144, 'physicist': 10.075649123305144, 'physicists': 9.71897417936641, 'physics': 6.500098354498211, 'physiological': 8.93051681900214, 'physiology': 8.171411670650398, 'pi': 8.171411670650398, 'piaget': 9.623663999562087, 'piano': 7.087085339229765, 'pianos': 8.84350544201251, 'pic': 9.623663999562087, 'picasso': 7.961116261814038, 'picassos': 10.075649123305144, 'picchu': 10.075649123305144, 'pick': 5.191765534848032, 'picked': 6.570520818794757, 'picking': 6.927809071553694, 'pickle': 9.623663999562087, 'pickleball': 9.71897417936641, 'picks': 8.84350544201251, 'pickup': 10.075649123305144, 'picky': 9.623663999562087, 'picnic': 8.466211210871043, 'pico': 10.075649123305144, 'pictorial': 9.025826998806465, 'picture': 4.891460762234879, 'pictured': 9.18834592830424, 'pictures': 4.448028009614506, 'picturing': 10.075649123305144, 'pie': 8.84350544201251, 'piece': 5.063110879062802, 'pieced': 10.075649123305144, 'pieces': 4.8922617234310835, 'piedmont': 9.623663999562087, 'pierce': 9.942117730680621, 'pierson': 9.077120293194016, 'pies': 9.71897417936641, 'pig': 8.35799762623081, 'pigeon': 8.84350544201251, 'piggie': 8.12973897424983, 'piggy': 8.84350544201251, 'pigs': 7.744893153344401, 'pilates': 9.942117730680621, 'pile': 8.495198747744295, 'piled': 9.382501942745199, 'piles': 8.689354762185253, 'pill': 9.942117730680621, 'pillar': 8.977036834637033, 'pillars': 8.495198747744295, 'pillow': 6.921692844536259, 'pillows': 5.663717005852357, 'pilot': 7.193245535058156, 'piloted': 9.313509071258247, 'piloting': 8.08973363963613, 'pilots': 9.18834592830424, 'pin': 8.725722406356127, 'pinch': 8.466211210871043, 'pinched': 9.824334695024238, 'pinching': 9.824334695024238, 'pine': 8.84350544201251, 'pinecrest': 9.942117730680621, 'ping': 8.84350544201251, 'pink': 8.689354762185253, 'pinnell': 9.131187514464292, 'pinnies': 9.131187514464292, 'pinpoint': 8.84350544201251, 'pins': 8.33267981824652, 'pint': 9.942117730680621, 'pinterest': 9.536652622572456, 'pioneer': 8.977036834637033, 'pioneering': 9.623663999562087, 'pioneers': 8.438040333904347, 'pipe': 7.8319045303340316, 'pipeline': 9.313509071258247, 'piper': 9.71897417936641, 'pipes': 9.536652622572456, 'pique': 7.944021828454737, 'piqued': 9.18834592830424, 'piques': 9.942117730680621, 'pirate': 9.131187514464292, 'pirates': 8.763462734338976, 'pit': 9.131187514464292, 'pitch': 7.367598922202934, 'pitched': 8.689354762185253, 'pitcher': 10.075649123305144, 'pitchers': 9.824334695024238, 'pitches': 8.689354762185253, 'pitching': 9.025826998806465, 'pitfalls':

9.71897417936641, 'pits': 9.942117730680621, 'pittsburgh': 8.466211210871043, 'pity': 9.45660991489892, 'pivotal': 7.108904386624405, 'pixar': 9.824334695024238, 'pizza': 7.367598922202934, 'pizzas': 9.45660991489892, 'pizzazz': 9.623663999562087, 'pk': 7.386830284130821, 'pla': 9.942117730680621, 'place': 2.833157807903028, 'placed': 5.3407045935702415, 'placement': 6.7332922416659216, 'placements': 9.18834592830424, 'places': 4.529913798755324, 'placing': 7.05871464210055, 'plague': 8.84350544201251, 'plagued': 7.6395326376865755, 'plagues': 9.942117730680621, 'plain': 7.146361949159306, 'plains': 10.075649123305144, 'plan': 4.099298214007209, 'plane': 8.171411670650398, 'planes': 8.689354762185253, 'planet': 6.574821900694147, 'planetarium': 9.942117730680621, 'planets': 7.961116261814038, 'planks': 8.93051681900214, 'planned': 6.4763818278808944, 'planner': 8.689354762185253, 'planners': 8.438040333904347, 'planning': 5.53083573785795, 'plans': 5.334450664493942, 'plant': 5.748682265814289, 'plantation': 9.942117730680621, 'planted': 7.80205156718435, 'planter': 9.313509071258247, 'planters': 8.802683447492257, 'planting': 7.05871464210055, 'plants': 5.560091096006739, 'plaster': 9.45660991489892, 'plastic': 5.487770434427113, 'plate': 7.377168373219084, 'plates': 7.05871464210055, 'platform': 6.500098354498211, 'platforms': 7.467682380759916, 'plato': 9.824334695024238, 'play': 3.1222378382004927, 'playable': 9.45660991489892, 'playback': 9.077120293194016, 'playdoh': 8.689354762185253, 'playdough': 8.171411670650398, 'played': 6.219440896983394, 'player': 5.974187093314179, 'players': 5.6296421589678545, 'playful': 7.1540248219048745, 'playfulness': 9.942117730680621, 'playground': 5.580612731727536, 'playgrounds': 8.495198747744295, 'playing': 3.996369950469622, 'playlists': 9.71897417936641, 'playosmo': 10.075649123305144, 'plays': 5.907877092528226, 'playstix': 9.313509071258247, 'playtime': 8.307987205656149, 'plead': 9.71897417936641, 'pleading': 9.71897417936641, 'pleas': 9.942117730680621, 'pleasant': 7.878424545968924, 'pleasantly': 9.71897417936641, 'please': 3.7052590233236096, 'pleased': 8.33267981824652, 'pleasers': 9.942117730680621, 'pleases': 9.942117730680621, 'pleasing': 7.787452767763197, 'pleasurable': 8.495198747744295, 'pleasure': 5.209214178182978, 'pleasures': 9.313509071258247, 'pledge': 7.862676189000785, 'plentiful': 8.032575225796183, 'plenty': 6.180917614987059, 'plethora': 6.587837268806217, 'plickers': 8.84350544201251, 'plop': 10.075649123305144, 'plot': 6.7332922416659216, 'plots': 7.894424887315365, 'pltw': 8.93051681900214, 'plug': 7.532922902628317, 'plugged': 8.260359156666894, 'plugging': 9.71897417936641, 'plugs': 8.977036834637033, 'plunge': 9.623663999562087, 'plural': 10.075649123305144, 'plus': 5.579019105892258, 'plush': 8.438040333904347, 'plymouth': 10.075649123305144, 'plywood': 9.942117730680621, 'pm': 7.704071158824147, 'pocket': 5.888161229363808, 'pockets': 6.237734090030719, 'pod': 8.237369638442196, 'podcast': 8.886065056431306, 'podcasting': 9.942117730680621, 'podcasts': 8.171411670650398, 'podge': 9.45660991489892, 'podium': 9.248970550120676, 'pods': 8.171411670650398, 'poe': 9.942117730680621, 'poem': 7.878424545968924, 'poems': 6.868267677862678, 'poet': 9.942117730680621, 'poetic': 9.248970550120676, 'poetry': 6.358598792224511, 'poets': 8.070315553779029, 'pogo': 9.71897417936641, 'point': 5.004949588466237, 'pointed': 8.58757206787531, 'pointer': 9.025826998806465, 'pointers': 8.654263442373983, 'pointing': 8.58757206787531, 'pointless': 9.71897417936641, 'points': 5.771584030100974, 'poised': 9.382501942745199, 'poke': 9.248970550120676, 'pokemon': 8.466211210871043, 'poking': 9.942117730680621, 'polacco': 9.536652622572456, 'poland': 9.313509071258247, 'polar': 8.525051710893976, 'polaroid': 9.131187514464292, 'pole': 9.18834592830424, 'poles': 8.620361890698302, 'police': 7.377168373219084, 'policemen': 9.824334695024238, 'policies': 9.248970550120676, 'policy': 7.84717200246482, 'polish': 8.09873363963613, 'polished': 8.93051681900214, 'polite': 7.510699765843607, 'politely': 9.942117730680621, 'political': 7.446848293857074, 'politicians': 8.438040333904347, 'politics': 8.237369638442196, 'polk': 9.942117730680621, 'poll': 9.131187514464292, 'polled': 9.313509071258247, 'pollen': 9.942117730680621, 'pollination': 9.824334695024238, 'pollinator': 9.942117730680621, 'pollinators': 9.71897417936641, 'pollock': 10.075649123305144, 'polls': 9.18834592830424, 'pollutants': 9.71897417936641, 'pollution': 7.773064030311097, 'polo': 9.824334695024238, 'poly': 8.763462734338976, 'polygons': 9.313509071258247, 'polymer': 9.942117730680621, 'polynesian': 9.077120293194016, 'pom': 8.35799762623081, 'poms': 8.495198747744295, 'pond': 8.466211210871043, 'ponder': 9.077120293194016, 'pondering': 10.075649123305144, 'ponds': 9.623663999562087, 'pong': 8.802683447492257, 'pony': 9.942117730680621, 'pool': 8.214896782590138, 'pools': 9.71897417936641, 'poor': 5.393517896180924, 'poorer': 9.131187514464292, 'poorest': 6.231599101463203, 'poorly': 8.35799762623081, 'pop': 6.468599687438839, 'popcorn': 7.878424545968924, 'popped': 8.977036834637033, 'poppers': 10.075649123305144, 'popping': 8.763462734338976, 'popplet': 10.075649123305144, 'popplets': 10.075649123305144, 'pops': 8.886065056431306, 'popsicle': 7.961116261814038, 'popular': 5.552308955564684, 'popularity': 8.12973897424983, 'populate': 9.71897417936641, 'populated': 7.614840025096203, 'population': 3.2929712766645576, 'populations': 6.851075277322305, 'port': 8.410641359716232, 'portability': 8.192917875871363, 'portable': 5.729990132802137, 'portables': 8.93051681900214, 'portal': 8.802683447492257, 'portals': 9.824334695024238, 'porter': 10.075649123305144, 'portfolio': 6.532621546203771, 'portfolios': 6.39393815866982, 'portion': 5.783234647320949, 'portions': 8.150358261452567, 'portland': 8.014226087127986, 'portrait': 8.150358261452567, 'portraits': 7.521749602030192, 'portraiture': 9.623663999562087, 'portray': 8.725722406356127, 'portrayed': 8.725722406356127, 'portraying': 10.075649123305144, 'ports': 9.623663999562087, 'portugal': 9.942117730680621, 'portuguese': 8.28388965407709, 'pose': 7.555651153705873, 'posed': 8.109953626693231, 'poses': 7.367598922202934, 'posing': 9.623663999562087, 'position': 5.974187093314179, 'positional': 9.382501942745199, 'positioned': 8.93051681900214, 'positioning': 8.802683447492257, 'positions': 6.806623514751471, 'positive': 3.3600925917877946, 'positively': 6.099980852716641, 'positives': 8.466211210871043, 'positivity': 7.276627143997207, 'posses': 9.025826998806465, 'possess': 6.508130526195474, 'possesses': 8.38397311263407, 'possessing': 9.623663999562087, 'possession': 8.763462734338976, 'possessions': 8.307987205656149, 'possibilities': 4.7547319248398665, 'possibility': 6.268986633534824, 'possible':

3.3712347683410364, 'possibly': 5.560091096006739, 'post': 5.376468302854813, 'postage': 9.942117730680621, 'postcards': 9.942117730680621, 'posted': 7.2593853375627, 'poster': 6.468599687438839, 'posters': 5.737425111289655, 'posting': 7.862676189000785, 'posts': 8.55582336956073, 'postsecondary': 9.623663999562087, 'postural': 9.077120293194016, 'posture': 5.486318001346798, 'postures': 8.886065056431306, 'pot': 6.4305722918496, 'potato': 8.438040333904347, 'potatoes': 9.025826998806465, 'potential': 3.630367449981684, 'potentially': 7.294171453648116, 'potentials': 7.910685408187145, 'pots': 7.744893153344401, 'potter': 7.602718664563859, 'potters': 10.075649123305144, 'pottery': 8.28388965407709, 'potting': 9.382501942745199, 'potty': 9.536652622572456, 'pouch': 8.525051710893976, 'pouches': 6.779812257300814, 'pound': 9.248970550120676, 'pounding': 9.824334695024238, 'pounds': 9.942117730680621, 'pour': 7.961116261814038, 'poured': 10.075649123305144, 'pouring': 8.237369638442196, 'poverty': 2.760906086510685, 'pow': 9.71897417936641, 'powder': 9.536652622572456, 'powell': 9.824334695024238, 'power': 4.726502855897826, 'powered': 7.544222457882251, 'powerful': 5.215836718943471, 'powerfully': 9.18834592830424, 'powerpoint': 6.806623514751471, 'powerpoints': 7.910685408187145, 'powers': 8.109536626693231, 'powtoon': 9.623663999562087, 'ppcd': 8.886065056431306, 'practical': 6.468599687438839, 'practically': 8.260359156666894, 'practice': 3.0203362799653917, 'practiced': 7.031126685581721, 'practices': 5.5262937164234485, 'practicing': 5.004949588466237, 'pragmatic': 9.131187514464292, 'pragmatics': 9.71897417936641, 'prairie': 9.025826998806465, 'praise': 7.193245535058156, 'praised': 8.438040333904347, 'praises': 9.824334695024238, 'praising': 9.942117730680621, 'pray': 8.689354762185253, 'praying': 8.977036834637033, 'pre': 4.326711199975847, 'preach': 9.536652622572456, 'precedence': 9.623663999562087, 'precedent': 9.824334695024238, 'precious': 6.060553932737183, 'precipitation': 9.623663999562087, 'precise': 7.773064030311097, 'precisely': 8.93051681900214, 'precision': 8.495198747744295, 'precocious': 8.93051681900214, 'preconceived': 9.248970550120676, 'predator': 9.45660991489892, 'predetermined': 9.382501942745199, 'predict': 7.32107890656804, 'predictability': 9.942117730680621, 'predictable': 8.237369638442196, 'predicted': 9.45660991489892, 'predicting': 8.410641359716232, 'prediction': 8.654263442373983, 'predictions': 7.193245535058156, 'predictor': 8.802683447492257, 'predictors': 10.075649123305144, 'predominant': 9.45660991489892, 'predominantly': 6.362077056600835, 'predominately': 6.74855971379671, 'prefer': 5.856141418129037, 'preferably': 9.942117730680621, 'preference': 8.237369638442196, 'preferences': 7.2593853375627, 'preferential': 9.536652622572456, 'preferred': 7.406438755519197, 'prefers': 9.536652622572456, 'prefixes': 9.248970550120676, 'preform': 8.35799762623081, 'preforming': 9.025826998806465, 'pregnancies': 9.623663999562087, 'pregnancy': 8.886065056431306, 'pregnant': 9.824334695024238, 'prehistoric': 9.71897417936641, 'prejudice': 9.131187514464292, 'prejudices': 10.075649123305144, 'prek': 6.042673507459335, 'prekindergarten': 7.339428045236237, 'preloaded': 9.942117730680621, 'premier': 9.18834592830424, 'premiere': 9.71897417936641, 'premise': 9.077120293194016, 'premium': 8.725722406356127, 'preoccupied': 10.075649123305144, 'prep': 6.3725850341992505, 'preparation': 6.304531570954235, 'preparatory': 7.744893153344401, 'prepare': 3.8229198170630876, 'prepared': 4.581412591697768, 'preparedness': 8.763462734338976, 'prepares': 6.801203447282132, 'preparing': 5.11380399337832, 'prepositions': 9.942117730680621, 'prepped': 9.824334695024238, 'prepping': 9.131187514464292, 'prerequisite': 8.84350544201251, 'preschool': 4.905977146176003, 'preschooler': 8.977036834637033, 'preschoolers': 6.457038865037763, 'preschools': 9.45660991489892, 'prescribed': 9.131187514464292, 'presence': 7.131210144138703, 'present': 4.590259597204554, 'presentable': 9.248970550120676, 'presentation': 5.754358723819094, 'presentations': 4.932316117332943, 'presented': 5.307388742450985, 'presenter': 8.620361890698302, 'presenters': 8.84350544201251, 'presenting': 6.419440451480756, 'presently': 7.436591793689885, 'presents': 6.764063900332675, 'preservation': 9.025826998806465, 'preserve': 6.95896423933349, 'preserved': 8.654263442373983, 'preserver': 9.71897417936641, 'preserves': 10.075649123305144, 'preserving': 8.28388965407709, 'president': 7.348730437898551, 'presidential': 8.171411670650398, 'presidents': 8.495198747744295, 'press': 7.488959779207201, 'pressed': 9.131187514464292, 'pressing': 8.08973363963613, 'pressure': 6.272166286452204, 'pressured': 9.025826998806465, 'pressures': 7.944021828454737, 'prestigious': 8.438040333904347, 'preteen': 9.942117730680621, 'preteens': 8.525051710893976, 'pretend': 6.650921244232794, 'pretending': 8.307987205656149, 'pretty': 6.1134763341915255, 'pretzel': 9.942117730680621, 'pretzels': 7.944021828454737, 'prevail': 9.623663999562087, 'prevalent': 7.488959779207201, 'prevent': 5.312254932102158, 'preventable': 9.382501942745199, 'preventative': 9.824334695024238, 'prevented': 8.93051681900214, 'preventing': 7.996207581625308, 'prevention': 8.35799762623081, 'prevents': 7.330211390131313, 'preview': 8.977036834637033, 'previewing': 9.942117730680621, 'previous': 5.461944034867215, 'previously': 5.974187093314179, 'prewriting': 10.075649123305144, 'prey': 8.886065056431306, 'prezi': 8.38397311263407, 'prezis': 10.075649123305144, 'price': 4.280460182325092, 'priced': 6.132681314027576, 'priceless': 6.627931726008095, 'prices': 7.8319045303340316, 'pricey': 8.654263442373983, 'pricing': 9.623663999562087, 'pride': 4.426674885143937, 'prideful': 9.942117730680621, 'prides': 7.690825932074126, 'primarily': 5.435387617505782, 'primary': 4.957655310888388, 'prime': 7.961116261814038, 'primed': 9.45660991489892, 'primer': 9.131187514464292, 'primitive': 10.075649123305144, 'prince': 9.382501942745199, 'princess': 9.45660991489892, 'princesses': 9.18834592830424, 'principal': 6.351678349379937, 'principals': 7.80205156718435, 'principle': 8.438040333904347, 'principled': 9.077120293194016, 'principles': 6.3725850341992505, 'print': 4.522689538383526, 'printable': 8.38397311263407, 'printables': 9.71897417936641, 'printed': 5.925734709928232, 'printer': 4.718389221123656, 'printers': 6.614387500900338, 'printing': 5.64483232446183, 'printmaking': 7.690825932074126, 'printouts': 9.382501942745199, 'prints': 7.396586459076186, 'prior': 5.781283427189687, 'priorities': 7.8319045303340316, 'prioritize': 8.886065056431306, 'prioritized': 9.45660991489892, 'prioritizing': 9.536652622572456, 'priority': 5.394841523111432, 'prism': 9.382501942745199, 'prisms': 9.077120293194016, 'prison': 7.478264490090453, 'pristine': 9.824334695024238, 'privacy': 6.774535200199971, 'private': 6.614387500900338, 'privately': 8.977036834637033, 'priviledge': 9.942117730680621, 'privilege': 5.360984122520771, 'privileged':

6.9140603430409930, 'privilege': 9.91211146000021, 'privilege': 8.68809412626241, 'privileged': 6.201476342008095, 'privileges': 8.171411670650398, 'privy': 9.382501942745199, 'prize': 7.146361949159306, 'prized': 9.623663999562087, 'prizes': 6.903565459943701, 'pro': 6.574821900694147, 'proactive': 7.35812017824839, 'proactively': 9.45660991489892, 'probability': 8.55582336956073, 'probable': 10.075649123305144, 'probably': 6.532621546203771, 'probation': 9.824334695024238, 'probe': 9.623663999562087, 'probes': 8.35799762623081, 'probeware': 9.45660991489892, 'probing': 9.536652622572456, 'problem': 3.4324175816316354, 'problematic': 8.150358261452567, 'problems': 3.7751254862000923, 'procedural': 9.71897417936641, 'procedure': 8.260359156666894, 'procedures': 6.74344461312994, 'proceed': 8.58757206787531, 'proceeds': 9.248970550120676, 'process': 3.7854036106773314, 'processed': 8.438040333904347, 'processes': 6.344805470092175, 'processing': 5.7619778082955335, 'processor': 8.654263442373983, 'processors': 9.18834592830424, 'proclaimed': 9.71897417936641, 'procure': 8.620361890698302, 'procured': 10.075649123305144, 'procuring': 9.824334695024238, 'prodigy': 8.08973363963613, 'produce': 5.221389204058257, 'produced': 7.16952900844084, 'producer': 9.71897417936641, 'producers': 7.816866652969491, 'produces': 7.9785080045259065, 'producing': 6.885760835310195, 'product': 5.812969246263828, 'production': 6.186748535297852, 'productions': 7.567211976106949, 'productive': 4.64944124402267, 'productively': 7.677753850506773, 'productivity': 6.2074287405353905, 'products': 5.31469693575771, 'profession': 7.426439422225867, 'professional': 5.524784282174594, 'professionalism': 8.410641359716232, 'professionally': 7.9785080045259065, 'professionals': 6.817552585283662, 'professions': 7.878424545968924, 'professor': 8.763462734338976, 'professors': 8.654263442373983, 'proficiencies': 9.536652622572456, 'proficiency': 5.8170015097917664, 'proficient': 5.606462313188861, 'proficiently': 8.438040333904347, 'profile': 7.944021828454737, 'profiles': 8.802683447492257, 'profit': 7.773064030311097, 'profitable': 10.075649123305144, 'profits': 8.466211210871043, 'profound': 6.839775722068372, 'profoundly': 8.725722406356127, 'program': 3.035738397878415, 'programable': 9.824334695024238, 'programed': 10.075649123305144, 'programing': 8.38397311263407, 'programmable': 7.664850445670865, 'programme': 9.077120293194016, 'programmed': 7.8319045303340316, 'programmer': 9.623663999562087, 'programmers': 7.652111419893435, 'programming': 5.307388742450985, 'programs': 3.8314822226414074, 'progress': 4.410706481965207, 'progressed': 8.33267981824652, 'progresses': 7.010923978264201, 'progressing': 7.787452767763197, 'progression': 7.567211976106949, 'progressive': 7.6271101176880185, 'progressively': 9.313509071258247, 'prohibit': 9.313509071258247, 'prohibitive': 9.131187514464292, 'prohibits': 8.977036834637033, 'project': 2.309292759805316, 'projected': 6.885760835310195, 'projectile': 9.45660991489892, 'projecting': 7.9785080045259065, 'projection': 8.237369638442196, 'projector': 5.60974100465056, 'projectors': 7.690825932074126, 'projects': 3.029872546425632, 'prolific': 9.623663999562087, 'prolong': 9.623663999562087, 'prolonged': 8.33267981824652, 'prom': 9.077120293194016, 'promethean': 7.544222457882251, 'prominent': 8.307987205656149, 'prominently': 9.45660991489892, 'promise': 6.779812257300814, 'promised': 8.438040333904347, 'promises': 9.077120293194016, 'promising': 7.9785080045259065, 'promote': 4.2905061283533295, 'promoted': 7.862676189000785, 'promotes': 5.512790135388775, 'promoting': 6.005402112662104, 'promotion': 8.725722406356127, 'promotional': 9.536652622572456, 'prompt': 7.590742473517143, 'prompted': 8.466211210871043, 'prompting': 8.08973363963613, 'prompts': 7.123719472409546, 'prone': 8.38397311263407, 'prong': 10.075649123305144, 'prongs': 10.075649123305144, 'pronounce': 8.886065056431306, 'pronounced': 9.131187514464292, 'pronouncing': 9.824334695024238, 'pronunciation': 8.12973897424983, 'pronunciations': 9.942117730680621, 'proof': 7.386830284130821, 'proofreading': 9.824334695024238, 'prop': 8.410641359716232, 'propaganda': 9.248970550120676, 'propagation': 9.942117730680621, 'propel': 7.426439422225867, 'propelled': 9.71897417936641, 'propels': 9.623663999562087, 'proper': 4.717716047082753, 'properly': 5.5934539996758605, 'properties': 7.131210144138703, 'property': 7.80205156718435, 'proportion': 8.654263442373983, 'proportional': 10.075649123305144, 'proportions': 8.689354762185253, 'proposal': 6.823062241094631, 'proposals': 9.025826998806465, 'propose': 8.93051681900214, 'proposed': 8.12973897424983, 'proposing': 8.977036834637033, 'propped': 9.623663999562087, 'proprioception': 10.075649123305144, 'proprioceptive': 8.93051681900214, 'props': 6.94638545712663, 'pros': 8.38397311263407, 'prose': 9.942117730680621, 'prosody': 9.824334695024238, 'prospect': 7.961116261814038, 'prospective': 9.313509071258247, 'prospects': 8.84350544201251, 'prosper': 7.944021828454737, 'prosperity': 9.382501942745199, 'prosperous': 9.131187514464292, 'prosthetic': 10.075649123305144, 'protagonist': 8.802683447492257, 'protagonists': 8.886065056431306, 'protect': 5.8394743656438255, 'protected': 7.0176129664149975, 'protecting': 7.57890801587014, 'protection': 7.303060401065363, 'protective': 6.5791415618386635, 'protector': 8.33267981824652, 'protectors': 6.984606669946827, 'protects': 9.382501942745199, 'protein': 8.438040333904347, 'proteins': 9.536652622572456, 'protest': 9.824334695024238, 'protests': 9.45660991489892, 'protocols': 9.248970550120676, 'prototype': 7.80205156718435, 'prototypes': 7.894424887315365, 'prototyping': 8.977036834637033, 'protractor': 9.248970550120676, 'protractors': 8.725722406356127, 'proud': 4.286563078337675, 'prouder': 8.886065056431306, 'proudly': 6.921692844536259, 'prove': 6.07091671977273, 'proved': 7.6395326376865755, 'proven': 5.392196018923008, 'proverb': 8.307987205656149, 'proverbial': 9.942117730680621, 'proverty': 9.623663999562087, 'proves': 7.367598922202934, 'provide': 2.1890844870707484, 'provided': 4.291384477114235, 'providence': 9.131187514464292, 'provider': 8.58757206787531, 'providers': 8.55582336956073, 'provides': 4.001617584683093, 'providing': 3.4350266028656065, 'proving': 7.878424545968924, 'provision': 9.71897417936641, 'provisions': 9.313509071258247, 'provoke': 9.248970550120676, 'provokes': 10.075649123305144, 'provoking': 7.312029071048123, 'prowess': 10.075649123305144, 'proximal': 9.18834592830424, 'proximity': 7.426439422225867, 'ps': 8.58757206787531, 'ps4': 10.075649123305144, 'psa': 9.313509071258247, 'psat': 9.71897417936641, 'pssa': 10.075649123305144, 'psychiatric': 9.45660991489892, 'psychological': 8.307987205656149, 'psychologically': 9.824334695024238, 'psychologist': 8.654263442373983, 'psychologists': 9.45660991489892, 'psychology': 8.237369638442196, 'pt': 9.313509071258247, 'pta': 7.396586459076186, 'ptc': 10.075649123305144, 'pto': 8.08973363963613, 'ptsd': 9.536652622572456, 'puberty': 8.689354762185253, 'public': 3.896520174992711, 'publication': 8.014226087127986,

'publicly': 0.00991702103233, 'public': 3.09002017992711, 'publication': 8.01220007127900,
'publications': 8.35799762623081, 'publicly': 8.763462734338976, 'publish': 5.916766039945472,
'published': 6.660267106651031, 'publisher': 8.93051681900214, 'publishers': 8.93051681900214,
'publishing': 6.561973758216298, 'pudding': 10.075649123305144, 'puddle': 10.075649123305144,
'pueblo': 9.45660991489892, 'puerto': 7.406438755519197, 'puffy': 10.075649123305144, 'pulitzer':
9.824334695024238, 'pull': 5.571088850216281, 'pulled': 7.079916849751153, 'pulley':
9.942117730680621, 'pulleys': 8.802683447492257, 'pulling': 7.446848293857074, 'pullman':
9.623663999562087, 'pullout': 8.763462734338976, 'pulls': 8.12973897424983, 'pulse':
8.977036834637033, 'pump': 7.9785080045259065, 'pumped': 8.192917875871363, 'pumping':
8.070315553779029, 'pumpkin': 8.886065056431306, 'pumpkins': 8.763462734338976, 'pumps':
8.84350544201251, 'pun': 9.45660991489892, 'punch': 7.910685408187145, 'punched':
9.942117730680621, 'puncher': 8.977036834637033, 'punchers': 9.248970550120676, 'punches':
9.45660991489892, 'punching': 9.824334695024238, 'punctuation': 7.910685408187145, 'punished': 9.4
5660991489892, 'punishment': 8.886065056431306, 'punjabi': 9.077120293194016, 'pupil':
8.977036834637033, 'pupils': 7.910685408187145, 'puppet': 7.367598922202934, 'puppets':
6.79045065550587, 'puppy': 9.536652622572456, 'purchase': 4.380955445966823, 'purchased':
5.216944752297834, 'purchases': 7.499770695311416, 'purchasing': 5.890332782877316, 'pure':
7.532922902628317, 'purely': 8.84350544201251, 'purification': 9.942117730680621, 'purifier':
8.93051681900214, 'purify': 9.71897417936641, 'purple': 8.55582336956073, 'purpose':
5.240501646424278, 'purposed': 9.313509071258247, 'purposeful': 6.909571484003914, 'purposefully':
8.495198747744295, 'purposely': 9.45660991489892, 'purposes': 5.9956932985351425, 'pursue':
5.77739237169672, 'pursued': 9.382501942745199, 'pursuing': 7.242435779248927, 'pursuit':
7.544222457882251, 'pursuits': 8.109536266693231, 'push': 4.745694671813924, 'pushed':
6.632487542543956, 'pushes': 7.478264490090453, 'pushing': 6.317776797704256, 'put':
3.681341951413422, 'puts': 6.2658170587735444, 'putting': 5.41897138017112, 'putty':
8.214896782590138, 'puzzle': 6.561973758216298, 'puzzles': 5.737425111289655, 'pvc':
9.313509071258247, 'pyp': 9.077120293194016, 'pyramid': 8.525051710893976, 'pyramids':
8.725722406356127, 'pythagorean': 9.942117730680621, 'python': 9.18834592830424, 'qr':
6.801203447282132, 'quad': 9.45660991489892, 'quadrant': 9.824334695024238, 'quadratic':
8.977036834637033, 'quadrilaterals': 9.623663999562087, 'quaint': 8.763462734338976, 'quake':
9.942117730680621, 'qualifications': 9.45660991489892, 'qualified': 7.146361949159306,
'qualifies': 6.291459489386883, 'qualify': 4.179280493243105, 'qualifying': 6.1134763341915255,
'qualitative': 10.075649123305144, 'qualities': 6.655583257338606, 'quality': 3.9469101972938043,
'quantify': 10.075649123305144, 'quantitative': 9.45660991489892, 'quantitatively':
9.942117730680621, 'quantities': 8.051267358808335, 'quantity': 7.717494179156287, 'quarter':
6.891660557437383, 'quarterback': 10.075649123305144, 'quarterly': 8.466211210871043, 'quarters':
8.689354762185253, 'queen': 9.536652622572456, 'queens': 7.6271101176880185, 'queer':
10.075649123305144, 'quench': 8.12973897424983, 'quenched': 9.382501942745199, 'quest':
6.688840479095088, 'question': 5.091064506408831, 'questionable': 9.824334695024238, 'questioned':
9.824334695024238, 'questioners': 6.795812598647256, 'questioning': 6.574821900694147,
'questions': 4.040167690780388, 'quests': 8.84350544201251, 'quiche': 10.075649123305144, 'quick':
5.595070814902766, 'quicker': 7.079916849751153, 'quickest': 9.942117730680621, 'quickly':
4.557049437723929, 'quiet': 5.35460247993125, 'quieter': 8.214896782590138, 'quietest':
9.71897417936641, 'quietly': 6.2285456639763135, 'quiets': 9.131187514464292, 'quill':
9.623663999562087, 'quilt': 8.93051681900214, 'quilts': 9.71897417936641, 'quintessential':
10.075649123305144, 'quirks': 9.536652622572456, 'quirky': 7.961116261814038, 'quit':
7.944021828454737, 'quite': 4.996020957721936, 'quiz': 7.242435779248927, 'quizizz':
10.075649123305144, 'quizlet': 8.192917875871363, 'quizzed': 10.075649123305144, 'quizzes':
6.314449007611581, 'quizzing': 9.824334695024238, 'quo': 9.131187514464292, 'quote':
5.717110469938476, 'quoted': 9.131187514464292, 'quotes': 7.267969081254092, 'quoting':
9.623663999562087, 'rabbit': 9.131187514464292, 'rabbits': 9.942117730680621, 'race':
5.953133684116346, 'raced': 9.71897417936641, 'races': 6.321115698969771, 'rachel':
9.824334695024238, 'racial': 6.508130526195474, 'racially': 7.0943055872032525, 'racing':
8.032575225796183, 'racism': 8.654263442373983, 'rack': 7.072799381982288, 'racket':
9.45660991489892, 'rackets': 8.977036834637033, 'racks': 7.996207581625308, 'racquet':
9.71897417936641, 'racquets': 9.18834592830424, 'radar': 9.824334695024238, 'radiate':
9.942117730680621, 'radiates': 9.71897417936641, 'radically': 9.942117730680621, 'radio':
7.944021828454737, 'radios': 9.248970550120676, 'radishes': 10.075649123305144, 'radius':
8.654263442373983, 'raffle': 8.654263442373983, 'raffles': 9.942117730680621, 'raft':
9.623663999562087, 'rag': 10.075649123305144, 'rage': 8.725722406356127, 'raging':
9.71897417936641, 'rail': 9.382501942745199, 'railroad': 8.802683447492257, 'rain':
6.97170326511092, 'rainbow': 7.276627143997207, 'rainbows': 9.824334695024238, 'rainfall':
9.942117730680621, 'rainforest': 8.84350544201251, 'rainforests': 10.075649123305144, 'raining': 8
.307987205656149, 'rains': 8.38397311263407, 'rainy': 6.856773298436943, 'raise':
5.590228190426978, 'raised': 4.948289554900747, 'raiser': 9.824334695024238, 'raisers':
9.313509071258247, 'raises': 8.35799762623081, 'raising': 6.351678349379937, 'rake':
10.075649123305144, 'raleigh': 9.536652622572456, 'rallied': 10.075649123305144, 'rallies':
8.260359156666894, 'rally': 8.84350544201251, 'ralph': 8.802683447492257, 'ram':
9.623663999562087, 'rambunctious': 7.488959779207201, 'ramona': 9.824334695024238, 'ramp':
8.620361890698302, 'rampant': 8.977036834637033, 'ramps': 8.260359156666894, 'ran':
7.758879395319141, 'ranch': 9.077120293194016, 'ranchers': 9.824334695024238, 'ranches':
9.313509071258247, 'ranching': 9.942117730680621, 'random': 7.773064030311097, 'randomly':
8.93051681900214, 'rang': 9.71897417936641, 'range': 3.6213494364300383, 'ranged':
9.025826998806465, 'ranger': 9.18834592830424, 'rangers': 10.075649123305144, 'ranges':
6.885760835310195, 'ranging': 5.269288896218715, 'rank': 8.307987205656149, 'ranked':
7.367598922202934, 'ranking': 8.55582336956073, 'rankings': 9.45660991489892, 'ranks':
8.410641359716232, 'rap': 8.466211210871043, 'rapid': 7.6271101176880185, 'rapidly':
6.553499131225325, 'rapids': 9.248970550120676, 'rapping': 9.18834592830424, 'rapport':

0.555499131223523, 'rapids': 9.248970550120676, 'rapping': 9.16654592656424, 'rapport': 8.620361890698302, 'rapports': 9.45660991489892, 'raps': 8.977036834637033, 'rare': 7.0799916849751153, 'rarely': 5.883832218274223, 'raring': 9.824334695024238, 'rarity': 9.942117730680621, 'raspberry': 8.38397311263407, 'rate': 4.691154060516054, 'rated': 7.704071158824147, 'rates': 6.07091671977273, 'rather': 4.557622667891532, 'rating': 8.410641359716232, 'ratings': 8.84350544201251, 'ratio': 6.3867966691912075, 'ration': 9.313509071258247, 'rational': 9.536652622572456, 'ratios': 8.438040333904347, 'rats': 9.942117730680621, 'rattle': 10.075649123305144, 'ravaged': 9.313509071258247, 'rave': 9.18834592830424, 'ravenous': 9.536652622572456, 'raving': 9.942117730680621, 'raw': 8.466211210871043, 'ray': 8.438040333904347, 'rays': 8.654263442373983, 'raz': 6.97813415544121, 'razkids': 8.689354762185253, 'razor': 10.075649123305144, 'rc': 9.942117730680621, 're': 9.623663999562087, 'reach': 3.5816791840468896, 'reachable': 9.71897417936641, 'reached': 6.885760835310195, 'reaches': 7.348730437898551, 'reaching': 5.529319437339986, 'react': 8.014226087127986, 'reacted': 9.942117730680621, 'reacting': 9.71897417936641, 'reaction': 7.276627143997207, 'reactions': 7.267969081254092, 'reactive': 9.71897417936641, 'read': 2.4763908718755503, 'readability': 8.38397311263407, 'readable': 8.84350544201251, 'reader': 4.765967998106792, 'readers': 3.389609843646031, 'readily': 5.6989940324331725, 'readiness': 5.831243866507309, 'reading': 2.095723316160567, 'readings': 6.823062241094631, 'reads': 6.225501521595085, 'readtheory': 9.824334695024238, 'readworks': 9.313509071258247, 'ready': 2.86726029126789 86, 'readying': 10.075649123305144, 'real': 3.482800303029659, 'realia': 8.93051681900214, 'realism': 9.45660991489892, 'realistic': 6.641661918819997, 'realistically': 9.18834592830424, 'realities': 7.303060401065363, 'reality': 4.935657807994845, 'realization': 8.438040333904347, 'realize': 4.8740000011710025, 'realized': 6.052851712375091, 'realizes': 8.886065056431306, 'realizing': 6.7282544476359645, 'really': 3.489871634793767, 'realm': 7.731099831212066, 'realms': 8.886065056431306, 'ream': 9.71897417936641, 'reams': 9.077120293194016, 'reap': 7.567211976106949, 'rear': 9.942117730680621, 'reared': 10.075649123305144, 'rearing': 9.623663999562087, 'rearrange': 8.58757206787531, 'rearranged': 10.075649123305144, 'rearranging': 9.077120293194016, 'reason': 5.052708894018509, 'reasonable': 8.410641359716232, 'reasonably': 9.45660991489892, 'reasoning': 6.344805470092175, 'reasons': 5.503887999448182, 'reassurance': 8.977036834637033, 'reassure': 8.725722406356127, 'reassured': 9.025826998806465, 'rebel': 10.075649123305144, 'rebuild': 7.396586459076186, 'rebuilding': 7.731099831212066, 'rebuilt': 8.689354762185253, 'recall': 7.242435779248927, 'recalling': 9.313509071258247, 'recap': 9.248970550120676, 'receipt': 9.942117730680621, 'receive': 2.794951927920402, 'received': 5.18101274307177, 'receiver': 9.382501942745199, 'receivers': 9.942117730680621, 'receives': 5.257674363798022, 'receiving': 4.330359174837594, 'recent': 5.539982143084026, 'recently': 4.565682584868632, 'receptive': 7.367598922202934, 'recess': 4.586711397148457, 'recesses': 8.032575225796183, 'recession': 9.248970550120676, 'recharge': 8.58757206787531, 'rechargeable': 8.620361890698302, 'recharging': 10.075649123305144, 'recieve': 7.927214710138356, 'recieved': 9.824334695024238, 'recieves': 9.942117730680621, 'recieving': 9.536652622572456, 'recipe': 7.339428045236237, 'recipes': 7.2175382276272, 'recipient': 8.802683447492257, 'recipients': 8.192917875871363, 'reciprocal': 9.71897417936641, 'recital': 9.71897417936641, 'recitals': 9.71897417936641, 'recite': 8.466211210871043, 'recited': 9.942117730680621, 'reciting': 8.802683447492257, 'reclassified': 9.382501942745199, 'recliner': 9.824334695024238, 'reclining': 9.824334695024238, 'recognition': 5.566360709020334, 'recognitions': 9.824334695024238, 'recognizable': 9.71897417936641, 'recognize': 5.60974100465056, 'recognized': 6.457038865037763, 'recognizes': 8.35799762623081, 'recognizing': 7.079916849751153, 'recollect': 9.536652622572456, 'recommend': 8.28388965407709, 'recommendation': 8.93051681900214, 'recommendations': 8.014226087127986, 'recommended': 6.879895715857797, 'recommending': 9.382501942745199, 'recommends': 9.623663999562087, 'reconfigure': 9.824334695024238, 'reconnect': 9.942117730680621, 'reconstruct': 9.45660991489892, 'reconstruction': 9.824334695024238, 'record': 4.967109614227516, 'recorded': 7.285360823965961, 'recorder': 7.602718664563859, 'recorders': 7.57809801587014, 'recording': 6.149441482885041, 'recordings': 7.488959779207201, 'records': 7.758879395319141, 'recounted': 9.942117730680621, 'recourses': 9.942117730680621, 'recover': 8.977036834637033, 'recovered': 10.075649123305144, 'recovering': 9.536652622572456, 'recovery': 8.214896782590138, 'recreate': 7.330211390131313, 'recreating': 8.725722406356127, 'recreation': 8.171411670650398, 'recreational': 7.664850445670865, 'recruit': 8.763462734338976, 'recruiting': 9.536652622572456, 'rectangle': 8.802683447492257, 'rectangular': 7.84717200246482, 'recyclable': 8.802683447492257, 'recyclables': 9.131187514464292, 'recycle': 7.386830284130821, 'recycled': 7.276627143997207, 'recycling': 6.874064795547004, 'red': 6.6010242730881705, 'redeem': 9.824334695024238, 'redefine': 9.71897417936641, 'redefining': 9.824334695024238, 'redesign': 7.704071158824147, 'redesigned': 9.025826998806465, 'redesigning': 8.35799762623081, 'redirect': 8.070315553779029, 'redirected': 9.18834592830424, 'redirecting': 8.237369638442196, 'redirection': 8.495198747744295, 'rediscover': 9.942117730680621, 'redo': 10.075649123305144, 'reduce': 5.503887999448182, 'reduced': 2.8209662518391543, 'reduces': 7.532922902628317, 'reducing': 6.587837268806217, 'reduction': 7.84717200246482, 'reductions': 10.075649123305144, 'redwood': 9.623663999562087, 'reed': 8.763462734338976, 'reeds': 7.816866652969491, 'reef': 8.84350544201251, 'reefs': 9.536652622572456, 'reenact': 9.623663999562087, 'reenactments': 9.942117730680621, 'reenergize': 10.075649123305144, 'reexamine': 10.075649123305144, 'refer': 6.496106333228673, 'reference': 6.110762628319933, 'referenced': 9.248970550120676, 'references': 8.171411670650398, 'referencing': 9.824334695024238, 'referrals': 8.886065056431306, 'referred': 8.150358261452567, 'referring': 8.58757206787531, 'refers': 9.71897417936641, 'refill': 8.410641359716232, 'refillable': 9.942117730680621, 'refilling': 10.075649123305144, 'refills': 8.55582336956073, 'refine': 7.614840025096203, 'refined': 9.45660991489892, 'refining': 8.38397311263407, 'reflect': 5.53083573785795, 'reflected': 7.426439422225867, 'reflecting': 7.521749602030192, 'reflection': 6.441829446374235, 'reflections': 7.878424545968924, 'reflective': 7.108904386624405, 'reflects': 6.868267677862678, 'reflex': 7.602718664563859, 'reflexmath': 9.45660991489892, 'refocus': 7.330211390131313, 'refocused': 9.71897417936641, 'refocusing': 9.536652622572456, 'reform':

7.550211390151515, 'refocused': 9.71897417936641, 'refocusing': 9.536652622572456, 'reform': 9.623663999562087, 'refrain': 9.623663999562087, 'refresh': 8.171411670650398, 'refreshed': 8.55582336956073, 'refresher': 9.942117730680621, 'refreshing': 8.051267358808335, 'refreshments': 9.824334695024238, 'refrigerator': 7.787452767763197, 'refrigerators': 9.71897417936641, 'refuel': 8.620361890698302, 'refuge': 7.758879395319141, 'refugee': 6.769285844313827, 'refugees': 6.45321476859936, 'refurbished': 8.886065056431306, 'refuse': 7.377168373219084, 'refused': 9.313509071258247, 'refuses': 9.942117730680621, 'regain': 8.214896782590138, 'regard': 7.944021828454737, 'regarded': 9.71897417936641, 'regarding': 6.70835329331867, 'regardless': 4.852979375096421, 'regards': 7.294171453648116, 'regents': 8.725722406356127, 'reggio': 9.025826998806465, 'region': 6.868267677862678, 'regional': 7.567211976106949, 'regions': 7.652111419893435, 'register': 7.80205156718435, 'registered': 8.725722406356127, 'registration': 9.623663999562087, 'regret': 9.71897417936641, 'regroup': 8.214896782590138, 'regrouping': 8.58757206787531, 'regular': 4.400364109550612, 'regularly': 5.8415426187078845, 'regulate': 6.545095720428946, 'regulated': 8.35799762623081, 'regulating': 7.927214710138356, 'regulation': 6.614387500900338, 'regulations': 8.84350544201251, 'rehabilitate': 10.075649123305144, 'rehabilitation': 9.313509071258247, 'rehearsal': 8.032575225796183, 'rehearsals': 7.6271101176880185, 'rehearse': 8.307987205656149, 'rehearsing': 9.248970550120676, 'reign': 9.71897417936641, 'reignite': 9.536652622572456, 'reigns': 9.824334695024238, 'reinforce': 4.862267367562892, 'reinforced': 7.744893153344401, 'reinforcement': 6.307826466851088, 'reinforcements': 8.654263442373983, 'reinforcer': 9.623663999562087, 'reinforcers': 9.077120293194016, 'reinforces': 7.567211976106949, 'reinforcing': 6.7851173095305075, 'reintroduce': 9.824334695024238, 'reinvent': 9.942117730680621, 'reinventing': 10.075649123305144, 'reinvigorate': 9.942117730680621, 'reiterate': 9.131187514464292, 'reject': 9.942117730680621, 'rejection': 10.075649123305144, 'rejoice': 10.075649123305144, 'rejoin': 9.536652622572456, 'rejuvenate': 9.824334695024238, 'rekenrek': 8.84350544201251, 'rekenreks': 8.438040333904347, 'relatable': 7.2593853375627, 'relate': 5.313475188507387, 'related': 4.949137371823086, 'relates': 6.99767875151418, 'relating': 7.193245535058156, 'relation': 8.10953626693231, 'relational': 8.525051710893976, 'relations': 8.10953626693231, 'relationship': 6.19261365475025, 'relationships': 5.1746161327750775, 'relative': 7.878424545968924, 'relatively': 7.123719472409546, 'relatives': 7.193245535058156, 'relax': 5.812969246263828, 'relaxation': 7.57890801587014, 'relaxed': 6.3867696691912075, 'relaxes': 9.942117730680621, 'relaxing': 6.72324190581242, 'relay': 7.602718664563859, 'relays': 9.248970550120676, 'relearn': 10.075649123305144, 'release': 5.7619778082955335, 'released': 7.996207581625308, 'releases': 8.689354762185253, 'releasing': 7.996207581625308, 'relegated': 9.623663999562087, 'relentless': 8.93051681900214, 'relentlessly': 8.620361890698302, 'relevance': 7.717494179156287, 'relevancy': 9.248970550120676, 'relevant': 5.077472064130929, 'reliability': 8.802683447492257, 'reliable': 6.25950788958028, 'reliably': 9.942117730680621, 'reliance': 8.84350544201251, 'reliant': 8.410641359716232, 'relied': 9.248970550120676, 'relief': 6.903565459943701, 'relies': 7.910685408187145, 'relieve': 7.051745972784456, 'relieved': 9.536652622572456, 'reliever': 9.623663999562087, 'relieves': 9.248970550120676, 'relieving': 9.313509071258247, 'religion': 7.677753850506773, 'religions': 7.267969081254092, 'religious': 7.862676189000785, 'religiously': 9.942117730680621, 'relish': 8.410641359716232, 'relive': 10.075649123305144, 'relocate': 8.620361890698302, 'relocated': 8.438040333904347, 'relocating': 9.313509071258247, 'relocation': 9.536652622572456, 'reluctant': 5.704394585613173, 'rely': 5.470478937317052, 'relying': 8.032575225796183, 'remain': 5.226972691483958, 'remainder': 7.185277365408979, 'remained': 8.466211210871043, 'remaining': 6.1522623592266825, 'remains': 7.35812017824839, 'remarkable': 6.7851173095305075, 'remarkably': 8.763462734338976, 'remarked': 9.942117730680621, 'remedial': 7.677753850506773, 'remediate': 8.38397311263407, 'remediating': 10.075649123305144, 'remediation': 6.646280864676291, 'remedy': 8.977036834637033, 'remember': 4.54622003579372, 'remembered': 8.150358261452567, 'remembering': 7.677753850506773, 'remembers': 8.977036834637033, 'remind': 6.222466617899931, 'reminded': 7.555651153705873, 'reminder': 7.123719472409546, 'reminders': 7.367598922202934, 'reminding': 8.33267981824652, 'reminds': 8.032575225796183, 'remodel': 9.382501942745199, 'remodeled': 9.077120293194016, 'remodeling': 9.824334695024238, 'remote': 7.436591793689885, 'remotely': 9.45660991489892, 'remotes': 9.623663999562087, 'removable': 9.131187514464292, 'removal': 9.824334695024238, 'remove': 6.95896423933349, 'removed': 7.250874647894792, 'removes': 9.248970550120676, 'removing': 7.84717200246482, 'renaissance': 7.6395326376865755, 'rendering': 9.71897417936641, 'renderings': 9.942117730680621, 'renders': 10.075649123305144, 'renew': 9.623663999562087, 'renewable': 8.171411670650398, 'renewal': 9.824334695024238, 'renewed': 8.689354762185253, 'reno': 9.942117730680621, 'renovate': 9.942117730680621, 'renovated': 8.93051681900214, 'renovation': 9.025826998806465, 'renovations': 9.025826998806465, 'renowned': 9.025826998806465, 'rent': 7.276627143997207, 'rental': 8.84350544201251, 'rentals': 9.45660991489892, 'rented': 9.623663999562087, 'renting': 9.623663999562087, 'reoccurring': 9.71897417936641, 'reopened': 9.18834592830424, 'reorganize': 9.824334695024238, 'rep': 9.942117730680621, 'repair': 7.242435779248927, 'repaired': 8.12973897424983, 'repairing': 9.18834592830424, 'repairs': 7.9785080045259065, 'repeat': 7.457211080892621, 'repeated': 7.35812017824839, 'repeatedly': 7.510699765843607, 'repeating': 8.260359156666894, 'repeats': 10.075649123305144, 'repel': 9.824334695024238, 'repertoire': 7.927214710138356, 'repetition': 7.116284493922027, 'repetitions': 9.131187514464292, 'repetitive': 7.6395326376865755, 'repetitively': 9.824334695024238, 'replace': 5.436767879974741, 'replaced': 6.44182446374235, 'replacement': 6.933962937128073, 'replacements': 8.38397311263407, 'replaces': 9.942117730680621, 'replacing': 6.74344461312994, 'replay': 9.313509071258247, 'replenish': 7.457211080892621, 'replenished': 8.38397311263407, 'replenishing': 9.025826998806465, 'replenishment': 9.824334695024238, 'replica': 9.025826998806465, 'replicas': 8.620361890698302, 'replicate': 8.260359156666894, 'replicated': 9.382501942745199, 'replicating': 9.71897417936641, 'replication': 10.075649123305144, 'replied': 8.410641359716232, 'reply': 6.9156137984598764, 'report': 6.278556084550974, 'reported': 7.996207581625308, 'reporter': 9.824334695024238, 'reporters': 8.886065056431306, 'reporting': 8.171411670650398, 'reports': 5.868826577656353, 'represent': 5.334525034693973, 'representation': 6.79945065550587

5.888285770505552, 'represent': 5.524525024695975, 'representation': 6.7904500550587,
'representational': 9.824334695024238, 'representations': 7.116284493922027, 'representative':
8.014226087127986, 'representatives': 9.536652622572456, 'represented': 6.015206112758724,
'representing': 6.897595292957198, 'represents': 6.688840479095088, 'reprieve': 9.71897417936641,
'reproduce': 8.886065056431306, 'reproduced': 9.824334695024238, 'reproducible': 8.93051681900214,
'reproduction': 9.536652622572456, 'reproductions': 9.623663999562087, 'reptiles':
9.942117730680621, 'republic': 7.294171453648116, 'repurpose': 9.536652622572456, 'repurposed':
9.623663999562087, 'repurposing': 9.71897417936641, 'reputable': 8.977036834637033, 'reputation':
7.664850445670865, 'request': 5.512790135388775, 'requested': 4.038460331649564, 'requesting':
3.6914188121140756, 'requests': 6.99767875151418, 'require': 4.257687984540235, 'required':
4.636948889183483, 'requirement': 7.250874647894792, 'requirements': 6.284986974881265,
'requires': 4.978399356372117, 'requiring': 6.94638545712663, 'requisite': 8.171411670650398,
'reread': 7.602718664563859, 'rereading': 8.763462734338976, 'rescue': 8.12973897424983,
'research': 3.1548366051663583, 'researched': 6.365567461540604, 'researcher': 8.620361890698302,
'researchers': 6.965313467012149, 'researches': 9.536652622572456, 'researching':
5.312254932102158, 'resemble': 9.025826998806465, 'resembles': 9.536652622572456, 'resent':
10.075649123305144, 'reservation': 7.0042794355455325, 'reservations': 9.71897417936641,
'reserve': 8.654263442373983, 'reserved': 7.862676189000785, 'reset': 9.077120293194016,
'resettlement': 9.623663999562087, 'reside': 6.7537011132971285, 'residence': 9.131187514464292, '
residences': 9.824334695024238, 'resident': 9.536652622572456, 'residential': 8.28388965407709, 'r
esidents': 7.267969081254092, 'resides': 8.10953626693231, 'residing': 8.84350544201251,
'resilience': 6.679225020395646, 'resiliency': 7.488959779207201, 'resilient': 5.580612731727536,
'resin': 9.824334695024238, 'resist': 8.28388965407709, 'resistance': 7.386830284130821,
'resistant': 8.33267981824652, 'resisting': 9.942117730680621, 'resolution': 7.894424887315365,
'resolve': 8.438040333904347, 'resolved': 9.536652622572456, 'resolving': 9.623663999562087,
'resonate': 9.131187514464292, 'resonates': 9.313509071258247, 'resort': 8.410641359716232,
'resorted': 9.71897417936641, 'resounding': 9.131187514464292, 'resource': 4.440859520135894,
'resourced': 8.12973897424983, 'resourceful': 6.984606669946827, 'resourcefulness':
9.077120293194016, 'resources': 2.7527613308127057, 'respect': 5.013958658408604, 'respectable': 9
.131187514464292, 'respected': 6.806623514751471, 'respectful': 5.4028202888432375,
'respectfully': 8.260359156666894, 'respectfulness': 9.942117730680621, 'respecting':
7.787452767763197, 'respective': 8.307987205656149, 'respectively': 9.45660991489892, 'respects':
8.032575225796183, 'respiration': 9.18834592830424, 'respiratory': 9.248970550120676, 'respite': 9
.71897417936641, 'respond': 5.544586909470774, 'responded': 7.704071158824147, 'responding':
7.32107890656804, 'responds': 9.025826998806465, 'response': 5.9908740120991935, 'responses': 6.27
2166286452204, 'responsibilities': 6.492130184849033, 'responsibility': 4.603378449633668,
'responsibilty': 10.075649123305144, 'responsible': 4.685925290433255, 'responsiblity':
10.075649123305144, 'responsibly': 7.862676189000785, 'responsive': 7.303060401065363, 'rest':
4.704346864000618, 'restart': 9.71897417936641, 'restaurant': 7.816866652969491, 'restaurants':
8.237369638442196, 'rested': 9.71897417936641, 'resting': 8.886065056431306, 'restless':
6.965313467012149, 'restlessness': 7.894424887315365, 'restock': 8.150358261452567, 'restocked':
9.824334695024238, 'restocking': 9.942117730680621, 'restoration': 9.942117730680621,
'restorative': 8.214896782590138, 'restore': 8.93051681900214, 'restored': 9.45660991489892,
'restoring': 9.536652622572456, 'restraints': 7.996207581625308, 'restrict': 9.248970550120676,
'restricted': 7.225768726763715, 'restricting': 9.18834592830424, 'restriction':
9.025826998806465, 'restrictions': 7.8319045303340316, 'restrictive': 7.862676189000785,
'restricts': 9.248970550120676, 'restroom': 8.55582336956073, 'restructuring': 9.536652622572456,
'rests': 8.689354762185253, 'result': 4.9100471558643, 'resulted': 8.171411670650398, 'resulting':
7.051745972784456, 'results': 5.2727997248687775, 'resume': 8.466211210871043, 'resumes':
8.58757206787531, 'resupply': 10.075649123305144, 'retail': 8.886065056431306, 'retain':
5.684733541214015, 'retained': 8.38397311263407, 'retaining': 7.862676189000785, 'retains':
9.18834592830424, 'retardation': 9.942117730680621, 'reteach': 7.6271101176880185, 'reteaching': 8
.495198747744295, 'retell': 6.97170326511092, 'retelling': 7.072799381982288, 'retention':
6.574821900694147, 'retest': 9.942117730680621, 'rethink': 9.077120293194016, 'retire':
9.131187514464292, 'retired': 8.214896782590138, 'retirement': 9.077120293194016, 'retiring':
9.824334695024238, 'retreat': 8.763462734338976, 'retrieval': 9.077120293194016, 'retrieve':
8.08973363963613, 'retrieving': 9.248970550120676, 'return': 5.5323543410351395, 'returned':
7.339428045236237, 'returning': 7.193245535058156, 'returns': 9.025826998806465, 'reusable':
6.9911213509680215, 'reuse': 7.20937491698804, 'reused': 7.996207581625308, 'reusing':
8.237369638442196, 'revamp': 8.886065056431306, 'revamped': 8.977036834637033, 'revamping':
9.18834592830424, 'reveal': 8.171411670650398, 'revealed': 8.654263442373983, 'revealing':
9.824334695024238, 'reveals': 9.248970550120676, 'revel': 9.623663999562087, 'revenue':
8.763462734338976, 'revere': 9.536652622572456, 'reverse': 8.438040333904347, 'review':
5.221389204058257, 'reviewed': 8.35799762623081, 'reviewing': 7.05871464210055, 'reviews':
7.294171453648116, 'revise': 7.161746867998785, 'revised': 9.71897417936641, 'revising':
7.652111419893435, 'revision': 8.654263442373983, 'revisions': 8.654263442373983, 'revisit':
8.237369638442196, 'revisiting': 9.824334695024238, 'revitalization': 9.824334695024238,
'revitalize': 9.18834592830424, 'revitalized': 9.942117730680621, 'revive': 9.18834592830424,
'revolution': 7.690825932074126, 'revolutionary': 7.878424545968924, 'revolutionize':
8.55582336956073, 'revolutionized': 9.623663999562087, 'revolutionizing': 10.075649123305144,
'revolve': 8.28388965407709, 'revolves': 7.927214710138356, 'revolving': 8.33267981824652,
'reward': 5.691838366837761, 'rewarded': 7.072799381982288, 'rewarding': 5.663717005852357,
'rewards': 6.34138666334339, 'rewind': 9.71897417936641, 'rewrite': 8.802683447492257,
'rewriting': 9.18834592830424, 'reynolds': 9.45660991489892, 'rhetoric': 9.71897417936641,
'rhetorical': 9.942117730680621, 'rhode': 9.131187514464292, 'rhyme': 8.171411670650398, 'rhymes':
7.677753850506773, 'rhyming': 7.079916849751153, 'rhythm': 6.438062963578758, 'rhythmic':
7.9785080045259065, 'rhythms': 7.330211390131313, 'ri': 9.824334695024238, 'ribbon':
7.32107890656804, 'ribbons': 8.28388965407709, 'rice': 9.536652622572456, 'rich':

7.32107890656804, 'ribbons': 8.28388965407709, 'rica': 9.536652622572456, 'rice': 8.12973897424983, 'rich': 4.558196226840436, 'richard': 9.077120293194016, 'richer': 7.690825932074126, 'riches': 9.942117730680621, 'richest': 8.654263442373983, 'richly': 8.802683447492257, 'richmond': 8.10953626693231, 'richness': 8.192917875871363, 'rick': 9.077120293194016, 'rickety': 9.824334695024238, 'rico': 7.467682380759916, 'ricoh': 9.824334695024238, 'rid': 6.99767875151418, 'ridden': 8.438040333904347, 'riddled': 8.977036834637033, 'riddles': 8.525051710893976, 'ride': 6.4305722918496, 'riders': 9.71897417936641, 'rides': 8.886065056431306, 'ridge': 8.33267981824652, 'ridicule': 9.382501942745199, 'ridiculous': 9.71897417936641, 'riding': 7.406438755519197, 'rifle': 10.075649123305144, 'right': 3.574144975552136, 'rightfully': 9.71897417936641, 'rights': 6.862503973145928, 'rigid': 7.731099831212066, 'rigor': 6.015206112758724, 'rigorous': 4.744311545728973, 'rigorously': 9.536652622572456, 'rigors': 7.910685408187145, 'riley': 9.71897417936641, 'rim': 9.942117730680621, 'rims': 9.942117730680621, 'ring': 7.406438755519197, 'ringer': 10.075649123305144, 'ringing': 9.536652622572456, 'rings': 6.927809071553694, 'rio': 9.2 48970550120676, 'riordan': 9.623663999562087, 'rip': 8.35799762623081, 'ripe': 9.313509071258247, 'ripped': 7.690825932074126, 'ripping': 9.313509071258247, 'ripple': 9.536652622572456, 'rippling': 9.71897417936641, 'rips': 9.45660991489892, 'rise': 5.6146792862911425, 'risen': 8.620361890698302, 'risers': 8.171411670650398, 'rises': 8.886065056431306, 'rising': 6.97813415544121, 'risk': 4.804115840663924, 'risked': 10.075649123305144, 'risking': 9.248970550120676, 'risks': 5.804953171275592, 'rita': 8.977036834637033, 'rite': 9.942117730680621, 'rituals': 10.075649123305144, 'rival': 9.248970550120676, 'rivals': 9.942117730680621, 'river': 7.312029071048123, 'rivers': 8.438040333904347, 'riverside': 9.18834592830424, 'riveted': 10.075649123305144, 'riveting': 9.942117730680621, 'rj': 10.075649123305144, 'road': 6.25950788958028, 'roadblock': 9.382501942745199, 'roadblocks': 8.35799762623081, 'roads': 8.28388965407709, 'roald': 8.802683447492257, 'roam': 8.525051710893976, 'roaming': 9.623663999562087, 'roar': 9.382501942745199, 'roaring': 9.382501942745199, 'rob': 8.014226087127986, 'robert': 7.927214710138356, 'robin': 9.942117730680621, 'robinson': 8.93051681900214, 'robles': 10.075649123305144, 'robot': 5.810959195335804, 'robotic': 6.965313467012149, 'robotics': 5.4149090861622415, 'robots': 5.313475188507387, 'robust': 8.08973363963613, 'rochester': 9.077120293194016, 'rock': 5.670673555645717, 'rockaway': 9.71897417936641, 'rocked': 9.824334695024238, 'rocker': 8.032575225796183, 'rockers': 8.014226087127986, 'rocket': 7.677753850506773, 'rocketed': 10.075649123305144, 'rocketry': 9.942117730680621, 'rockets': 7.717494179156287, 'rockford': 9.623663999562087, 'rocking': 6.327827133557757, 'rocks': 6.839775722068372, 'rockstars': 9.077120293194016, 'rocky': 9.025826998806465, 'rodeo': 9.824334695024238, 'rods': 8.466211210871043, 'roger': 9.18834592830424, 'rogers': 7.894424887315365, 'rogue': 10.075649123305144, 'role': 4.905165128266992, 'roles': 6.524391047067255, 'roll': 6.19261365475025, 'rolled': 8.150358261452567, 'roller': 7.488959779207201, 'rollercoaster': 9.942117730680621, 'rollers': 9.077120293194016, 'rolling': 6.6010242730881705, 'rolls': 7.8319045303340316, 'roman': 8.977036834637033, 'romance': 9.623663999562087, 'romania': 9.536652622572456, 'rome': 9.313509071258247, 'romeo': 9.025826998806465, 'ron': 8.763462734338976, 'ronald': 10.075649123305144, 'roof': 7.478264490090453, 'roofs': 9.536652622572456, 'rookie': 10.075649123305144, 'room': 3.117200730007488, 'rooms': 6.609913220505417, 'roomy': 9.824334695024238, 'roosevelt': 8.150358261452567, 'root': 8.051267358808335, 'rooted': 7.944021828454737, 'rooting': 9.313509071258247, 'roots': 7.436591793689885, 'rope': 7.1773721859018655, 'ropes': 6.331199818036397, 'roping': 9.45660991489892, 'rosa': 9.313509071258247, 'rose': 8.725722406356127, 'rosebud': 9.71897417936641, 'rosemary': 10.075649123305144, 'roses': 9.623663999562087, 'rosetta': 9.313509071258247, 'rosie': 9.382501942745199, 'roster': 8.55582336956073, 'rotate': 5.737425111289655, 'rotated': 8.171411670650398, 'rotates': 9.025826998806465, 'rotating': 6.823062241094631, 'rotation': 6.237734090030719, 'rotational': 9.131187514464292, 'rotations': 5.783234647320949, 'rote': 8.10953626693231, 'rouge': 7.862676189000785, 'rough': 6.210418279383757, 'roughest': 9.025826998806465, 'roughly': 6.655583257338606, 'round': 6.237734090030719, 'rounded': 5.728139993513976, 'rounding': 9.18834592830424, 'rounds': 8.689354762185253, 'route': 8.260359156666894, 'router': 9.536652622572456, 'routes': 8.58757206787531, 'routine': 5.529319437339986, 'routinely': 8.12973897424983, 'routines': 5.983688352438319, 'rover': 9.536652622572456, 'rovers': 9.71897417936641, 'row': 7.1773721859018655, 'rowdy': 8.886065056431306, 'rowling': 8.689354762185253, 'rows': 6.70835329331867, 'royal': 9.536652622572456, 'rs': 9.45660991489892, 'rsp': 9.131187514464292, 'r ti': 7.816866652969491, 'rts': 10.075649123305144, 'rub': 9.45660991489892, 'rubber': 7.436591793689885, 'rubbing': 9.536652622572456, 'rubbings': 10.075649123305144, 'rube': 8.93051681900214, 'rubik': 9.382501942745199, 'rubiks': 10.075649123305144, 'rubric': 9.025826998806465, 'rubrics': 9.18834592830424, 'ruby': 9.18834592830424, 'rudimentary': 9.942117730680621, 'rug': 4.8166667621557835, 'rugby': 9.942117730680621, 'rugged': 9.71897417936641, 'rugs': 6.713291574959252, 'ruin': 9.536652622572456, 'ruined': 7.758879395319141, 'ruining': 9.45660991489892, 'ruins': 9.382501942745199, 'rule': 7.57890801587014, 'ruled': 9.025826998806465, 'ruler': 8.93051681900214, 'rulers': 7.758879395319141, 'rules': 6.012746086917862, 'rumble': 9.942117730680621, 'rumbling': 9.248970550120676, 'run': 4.579066549566017, 'runner': 8.689354762185253, 'runners': 8.38397311263407, 'running': 5.0832747883434966, 'runny': 8.654263442373983, 'runs': 6.351678349379937, 'runtz': 9.248970550120676, 'rural': 3.665004426907032, 'rush': 7.758879395319141, 'rushed': 9.382501942745199, 'rushes': 9.942117730680621, 'rushing': 8.93051681900214, 'russia': 8.032575225796183, 'russian': 7.6395326376865755, 'rusted': 9.71897417936641, 'rusty': 9.313509071258247, 'ruth': 9.824334695024238, 'rwanda': 9.536652622572456, 'ryan': 9.824334695024238, 'rye': 9.942117730680621, 'sa': 9.942117730680621, 'sack': 7.927214710138356, 'sacks': 6.823062241094631, 'sacramento': 8.237369638442196, 'sacred': 9.025826998806465, 'sacrifice': 8.10953626693231, 'sacrificed': 9.382501942745199, 'sacrifices':

8.84350544201251, 'sacrificing': 9.536652622572456, 'sad': 6.4763182788808944, 'saddened': 9.536652622572456, 'saddens': 8.763462734338976, 'sadly': 6.216424303443969, 'sadness': 8.410641359716232, 'safari': 9.131187514464292, 'safco': 9.71897417936641, 'safe': 3.1902855346379075, 'safely': 5.613030481300958, 'safer': 6.984606669946827, 'safest': 7.544222457882251, 'safety': 5.230337809634271, 'sagan': 9.623663999562087, 'sage': 9.382501942745199, 'said': 4.545086891196552, 'sail': 9.077120293194016, 'sailing': 9.824334695024238, 'sails': 9.313509071258247, 'saint': 8.886065056431306, 'sake': 7.510699765843607, 'salad': 8.58757206787531, 'salads': 9.71897417936641, 'salaries': 9.382501942745199, 'salary': 8.525051710893976, 'sale': 8.10953626693231, 'salem': 9.248970550120676, 'sales': 7.510699765843607, 'salinas': 9.313509071258247, 'salinity': 10.075649123305144, 'salish': 9.824334695024238, 'sally': 10.075649123305144, 'salmon': 9.18834592830424, 'salsa': 9.536652622572456, 'salt': 7.6395326376865755, 'salvador': 7.35812017824839, 'salvage': 9.623663999562087, 'sam': 9.025826998806465, 'same': 9.077120293194016, 'samoa': 8.84350544201251, 'samoan': 8.763462734338976, 'sample': 7.386830284130821, 'samples': 7.161746867998785, 'sampling': 9.45660991489892, 'samsung': 7.84717200246482, 'san': 6.0761386637538815, 'sanctuary': 7.927214710138356, 'sand': 6.284986974881265, 'sandbox': 9.313509071258247, 'sanders': 9.942117730680621, 'sandra': 9.824334695024238, 'sandwich': 9.45660991489892, 'sandwiched': 9.623663999562087, 'sandwiches': 9.942117730680621, 'sandy': 8.58757206787531, 'sang': 9.536652622572456, 'sanitary': 8.35799762623081, 'sanitation': 9.71897417936641, 'sanitize': 9.382501942745199, 'sanitized': 9.45660991489892, 'sanitizer': 7.267969081254092, 'sanitizers': 9.45660991489892, 'sanitizing': 9.248970550120676, 'sanity': 9.824334695024238, 'santa': 8.28388965407709, 'sarah': 10.075649123305144, 'sardines': 9.942117730680621, 'sassy': 9.942117730680621, 'sat': 6.738355543622468, 'satellite': 9.313509071258247, 'satiate': 9.824334695024238, 'satisfaction': 7.521749602030192, 'satisfactory': 9.824334695024238, 'satisfied': 8.58757206787531, 'satisfies': 9.313509071258247, 'satisfy': 7.2175382276272, 'satisfying': 7.996207581625308, 'saturated': 9.71897417936641, 'saturday': 8.38397311263407, 'saturdays': 9.077120293194016, 'sauce': 9.18834592830424, 'saucer': 8.886065056431306, 'saudi': 9.18834592830424, 'savannah': 9.313509071258247, 'save': 5.412210029193076, 'saved': 7.446848293857074, 'saver': 8.192917875871363, 'savers': 9.824334695024238, 'saves': 8.070315553779029, 'saving': 6.553499131225325, 'savings': 8.620361890698302, 'savvy': 6.010292097956295, 'savy': 9.313509071258247, 'saw': 6.135455240910301, 'saws': 9.382501942745199, 'saxophone': 8.307987205656149, 'saxophones': 8.93051681900214, 'say': 4.432729394052643, 'saying': 5.998111679399424, 'sayings': 9.536652622572456, 'says': 6.2439069491378, 'sbac': 8.725722406356127, 'sc': 7.348730437898551, 'scaffold': 7.532922902628317, 'scaffolded': 8.977036834637033, 'scaffolding': 7.9785080045259065, 'scaffolds': 8.725722406356127, 'scale': 6.5 791415618386635, 'scaled': 9.248970550120676, 'scales': 7.555651153705873, 'scaling': 9.942117730680621, 'scan': 7.2593853375627, 'scanned': 9.71897417936641, 'scanner': 7.961116261814038, 'scanners': 9.71897417936641, 'scanning': 8.58757206787531, 'scarce': 6.738355543622468, 'scarcity': 9.18834592830424, 'scare': 9.382501942745199, 'scared': 7.446848293857074, 'scarf': 10.075649123305144, 'scarfs': 10.075649123305144, 'scarves': 7.816866652969491, 'scary': 7.276627143997207, 'scatter': 9.824334695024238, 'scattered': 8.35799762623081, 'scavenger': 8.438040333904347, 'scenario': 8.12973897424983, 'scenarios': 7.0176129664149975, 'scene': 7.330211390101313, 'scenery': 8.192917875871363, 'scenes': 7.294171453648116, 'scenic': 10.075649123305144, 'scent': 9.536652622572456, 'scented': 9.025826998806465, 'scents': 9.824334695024238, 'schedule': 5.767730460784984, 'scheduled': 7.436591793689885, 'schedules': 6.698549293222048, 'scheduling': 8.214896782590138, 'schema': 7.961116261814038, 'scheme': 9.623663999562087, 'schemes': 10.075649123305144, 'scholar': 6.817552585283662, 'scholarly': 8.33267981824652, 'scholars': 4.71167778653567, 'scholarship': 7.4 99770695311416, 'scholarships': 7.406438755519197, 'scholastic': 5.3777695392127844, 'scholastically': 9.71897417936641, 'scholastics': 10.075649123305144, 'school': 1.1637147871437175, 'schooled': 9.824334695024238, 'schooler': 9.248970550120676, 'schoolers': 6.641661918819997, 'schoolhouse': 10.075649123305144, 'schooling': 6.237734090030719, 'schoolmates': 9.45660991489892, 'schoolnannan': 9.71897417936641, 'schools': 3.6628929891724566, 'schoolwide': 9.18834592830424, 'schoolwork': 7.467682380759916, 'schoolyard': 9.536652622572456, 'schulwerk': 9.71897417936641, 'sci': 9.536652622572456, 'science': 2.8270434507312454, 'sciences': 6.362077056600835, 'scientific': 5.120828608315284, 'scientifically': 8.237369638442196, 'scientist': 6.3725850341992505, 'scientists': 4.775904204765921, 'scigirls': 9 .942117730680621, 'scissor': 9.71897417936641, 'scissors': 5.96010235343244, 'scoop': 7.602718664563859, 'scoops': 9.131187514464292, 'scoot': 9.536652622572456, 'scooter': 8.410641359716232, 'scooters': 7.84717200246482, 'scope': 7.339428045236237, 'scopes': 9.623663999562087, 'score': 6.5791415618386635, 'scoreboard': 9.71897417936641, 'scored': 7.910685408187145, 'scores': 5.322058932198779, 'scoring': 8.38397311263407, 'scotch': 8.84350544201251, 'scott': 8.725722406356127, 'scoured': 9.824334695024238, 'scouting': 9.942117730680621, 'scouts': 9.248970550120676, 'scrabble': 8.886065056431306, 'scramble': 9.248970550120676, 'scrambling': 8.55582336956073, 'scrap': 9.382501942745199, 'scrapbook': 8.93051681900214, 'scrapbooks': 9.623663999562087, 'scrape': 9.824334695024238, 'scrapes': 10.075649123305144, 'scraping': 9.623663999562087, 'scraps': 9.025826998806465, 'scratch': 6.574821900694147, 'scratched': 8.58757206787531, 'scratches': 8.977036834637033, 'scratching': 9.623663999562087, 'scream': 9.077120293194016, 'screamed': 10.075649123305144, 'screaming': 9.077120293194016, 'screen': 5.141175190174452, 'screened': 9.313509071258247, 'screening': 8.977036834637033, 'screens': 7.072799381982288, 'screw': 9.71897417936641, 'screws': 8.93051681900214, 'scribe': 9.623663999562087, 'scrimmage': 9.71897417936641, 'scrimmages': 9.71897417936641, 'script': 8.10953626693231, 'scripted': 9.824334695024238, 'scripts': 7.996207581625308, 'scroll': 9.248970550120676, 'scrolling': 9.824334695024238, 'scrounging': 9.824334695024238, 'scrub': 9.623663999562087, 'sculpt': 8.763462734338976, 'sculpting': 8.38397311263407, 'sculptural': 9.623663999562087, 'sculpture': 7.294171453648116, 'sculptures':

7.446848293857074, 'sd': 8.654263442373983, 'sdc': 8.977036834637033, 'se': 8.84350544201251, 'sea': 7.416389086372366, 'seahorses': 9.71897417936641, 'seal': 8.977036834637033, 'sealed': 9.942117730680621, 'seamless': 8.28388965407709, 'seamlessly': 7.744893153344401, 'seams': 7.996207581625308, 'sean': 9.131187514464292, 'search': 6.065721902895626, 'searched': 8.725722406356127, 'searches': 9.077120293194016, 'searching': 6.18967679507694, 'seashells': 9.824334695024238, 'season': 6.141026285959756, 'seasonal': 7.758879395319141, 'seasoned': 9.18834592830424, 'seasons': 7.312029071048123, 'seat': 4.622772996940508, 'seated': 5.690057422466766, 'seating': 3.3485596298060196, 'seatings': 10.075649123305144, 'seats': 4.310458020520299, 'seattle': 8.171411670650398, 'seatwork': 9.942117730680621, 'secluded': 9.623663999562087, 'second': 3.231137965462589, 'secondary': 6.299974170408076, 'secondly': 8.12973897424983, 'seconds': 7.862676189000785, 'secret': 7.250874647894792, 'secretary': 9.313509071258247, 'secretly': 9.313509071258247, 'secrets': 9.131187514464292, 'section': 5.8582444683258155, 'sectioned': 9.71897417936641, 'sections': 6.5284978290199085, 'sector': 9.131187514464292, 'secure': 5.821050098317767, 'secured': 8.525051710893976, 'securely': 8.38397311263407, 'securing': 8.84350544201251, 'security': 6.6936831035708755, 'sedentary': 7.051745972784456, 'sedimentary': 9.824334695024238, 'see': 2.599176742141238, 'seed': 7.20937491698804, 'seedlings': 8.689354762185253, 'seeds': 6.5284978290199085, 'seeing': 4.533265757201029, 'seek': 5.390875886718085, 'seekers': 8.495198747744295, 'seeking': 5.582208901260358, 'seeks': 7.816866652969491, 'seem': 5.040553531638727, 'seemed': 7.773064030311097, 'seeming': 9.824334695024238, 'seemingly': 7.84717200246482, 'seems': 5.708011226083362, 'seen': 4.345549340331569, 'sees': 7.717494179156287, 'seesaw': 7.250874647894792, 'segment': 8.438040333904347, 'segmentation': 10.075649123305144, 'segmenting': 9.623663999562087, 'segments': 8.307987205656149, 'segregated': 8.763462734338976, 'segregation': 9.824334695024238, 'sei': 9.248970550120676, 'seize': 8.886065056431306, 'seizure': 9.45660991489892, 'seizures': 9.313509071258247, 'sel': 8.525051710893976, 'seldom': 8.12973897424983, 'select': 5.709324463207542, 'selected': 5.270457803423697, 'selecting': 7.17737218590186
55, 'selection': 5.967119926091086, 'selections': 7.1540248219048745, 'selective': 7.9785080045259065, 'selects': 9.942117730680621, 'self': 3.661487836716432, 'selfie': 9.942117730680621, 'selfies': 9.18834592830424, 'selfless': 8.84350544201251, 'sell': 7.348730437898551, 'sellers': 9.942117730680621, 'selling': 7.944021828454737, 'sells': 10.075649123305144, 'selves': 7.0943055872032525, 'sem': 9.623663999562087, 'semester': 6.311132254985587, 'semesters': 9.45660991489892, 'semi': 8.051267358808335, 'seminar': 8.620361890698302, 'seminars': 8.38397311263407, 'senators': 10.075649123305144, 'send': 5.456294302325095, 'sending': 7.161746867998785, 'sends': 7.816866652969491, 'senegal': 8.802683447492257, 'senior': 6.7282544476359645, 'seniors': 6.445610169214141, 'sensation': 8.93051681900214, 'sensational': 9.077120293194016, 'sensations': 9.623663999562087, 'sense': 4.078131504484084, 'senses': 6.2439069491378, 'sensible': 9.942117730680621, 'sensitive': 7.123719472409546, 'sensitivities': 9.71897417936641, 'sensitivity': 8.495198747744295, 'sensor': 8.886065056431306, 'sensorial': 10.075649123305144, 'sensors': 7.878424545968924, 'sensory': 4.530471678825581, 'sent': 6.272166286452204, 'sentence': 6.281766360181223, 'sentences': 5.912311689596091, 'sentiment': 9.942117730680621, 'separate': 6.278556084550974, 'separated': 7.878424545968924, 'separately': 9.248970550120676, 'separates': 9.623663999562087, 'separating': 8.689354762185253, 'separation': 8.763462734338976, 'september': 6.769285844313827, 'sequel': 9.71897417936641, 'sequels': 10.075649123305144, 'sequence': 7.161746867998785, 'sequences': 8.620361890698302, 'sequencing': 6.903565459943701, 'sequential': 8.466211210871043, 'sequins': 9.623663999562087, 'serafini': 9.313509071258247, 'serene': 9.942117730680621, 'serenity': 9.942117730680621, 'series': 5.338198326594182, 'serious': 6.327827133557757, 'seriously': 6.549288598688982, 'servant': 9.623663999562087, 'serve': 4.189941996007846, 'served': 6.304531570954235, 'server': 9.623663999562087, 'serves': 4.452147479909746, 'service': 5.230337809634271, 'serviced': 8.620361890698302, 'services': 4.744311545728973, 'servicing': 7.744893153344401, 'serving': 5.661985403688079, 'servings': 10.075649123305144, 'ses': 7.2175382276272, 'session': 6.650921244232794, 'sessions': 6.010292097956295, 'set': 3.1805449618765653, 'setback': 9.45660991489892, 'setbacks': 7.35812017824839, 'sets': 4.6444255595265025, 'setss': 9.382501942745199, 'setters': 9.18834592830424, 'setting': 3.8446054041346764, 'settings': 5.706201270838122, 'settle': 7.2593853375627, 'settled': 8.654263442373983, 'settlers': 10.075649123305144, 'settling': 9.025826998806465, 'setts': 9.71897417936641, 'setup': 7.285360823965961, 'setups': 9.942117730680621, 'seuss': 6.068315938072673, 'seussmy': 10.075649123305144, 'seven': 5.289348565893251, 'seventeen': 8.192917875871363, 'seventh': 6.105357209753022, 'seventy': 7.0448255299398825, 'several': 3.4597751976163442, 'severe': 5.541514710433804, 'severely': 6.660267106651031, 'severity': 8.55582336956073, 'sew': 8.38397311263407, 'sewing': 7.6395326376865755, 'sewn': 9.623663999562087, 'sex': 9.18834592830424, 'sexual': 8.689354762185253, 'sexuality': 9.623663999562087, 'shade': 8.28388965407709, 'shaded': 10.075649123305144, 'shades': 8.260359156666894, 'shading': 9.077120293194016, 'shadow': 8.689354762185253, 'shadows': 8.410641359716232, 'shake': 7.276627143997207, 'shakers': 7.652111419893435, 'shakes': 9.942117730680621, 'shakespeare': 7.590742473517143, 'shakespearean': 9.45660991489892, 'shaking': 8.33267981824652, 'shall': 8.977036834637033, 'shambles': 9.942117730680621, 'shame': 7.996207581625308, 'shameful': 9.45660991489892, 'shampoo': 8.33267981824652, 'shang': 10.075649123305144, 'shape': 5.4834194485927865, 'shaped': 7.123719472409546, 'shapes': 5.338198326594182, 'shaping': 7.862676189000785, 'share': 3.211547224387286, 'shared': 4.931482436584365, 'shares': 7.406438755519197, 'sharing': 4.572643169816256, 'shark': 9.025826998806465, 'sharks': 8.58757206787531, 'sharon': 9.313509071258247, 'sharp': 7.0943055872032525, 'sharpen': 6.472483187465237, 'sharpened': 7.0943055872032525, 'sharpener': 6.0029660578642225, 'sharpeners': 6.7332922416659216, 'sharpening': 7.467682380759916, 'sharpens': 9.824334695024238, 'sharper': 9.45660991489892, 'sharpie': 8.689354762185253, 'sharpies': 8.070315553779029, 'shatter': 9.824334695024238, 'shattered': 10.075649123305144, 'shattering': 10.075649123305144, 'shaving': 9.248970550120676, 'shaw': 10.075649123305144, 'she':

6.921692844536259, 'shed': 8.689354762185253, 'sheep': 9.536652622572456, 'sheer': 7.9785080045259065, 'sheet': 6.703439278516241, 'sheets': 6.2658170587735444, 'shel': 10.075649123305144, 'shelf': 6.379652201422343, 'shell': 8.466211210871043, 'shells': 8.725722406356127, 'shelter': 6.632487542543956, 'sheltered': 8.192917875871363, 'shelters': 6.272166286452204, 'shelves': 6.0502974325699945, 'shelving': 7.704071158824147, 'sherman': 9.131187514464292, 'shield': 9.313509071258247, 'shields': 8.689354762185253, 'shift': 6.623396570842704, 'shifted': 8.55582336956073, 'shifting': 8.192917875871363, 'shifts': 8.032575225796183, 'shin': 9.536652622572456, 'shine': 5.8009691022607175, 'shines': 7.996207581625308, 'shining': 7.614840025096203, 'shiny': 8.33267981824652, 'ship': 8.620361890698302, 'shipping': 9.942117730680621, 'ships': 9.623663999562087, 'shirt': 7.57890801587014, 'shirts': 6.965313467012149, 'shock': 8.260359156666894, 'shocked': 8.35799762623081, 'shocking': 9.623663999562087, 'shoe': 7.944021828454737, 'shoes': 6.222466617899931, 'shoot': 7.330211390131313, 'shooters': 10.075649123305144, 'shooting': 7.614840025096203, 'shootings': 8.886065056431306, 'shop': 6.496106333228673, 'shopping': 6.764063900332675, 'shops': 8.33267981824652, 'shore': 8.438040333904347, 'short': 4.667196941938981, 'shortage': 7.339428045236237, 'shortages': 9.313509071258247, 'shortcomings': 8.84350544201251, 'shortcuts': 9.824334695024238, 'shorten': 9.45660991489892, 'shortened': 9.382501942745199, 'shorter': 7.677753850506773, 'shortfall': 9.536652622572456, 'shortfalls': 9.131187514464292, 'shortly': 9.077120293194016, 'shorts': 8.33267981824652, 'shot': 7.35812017824839, 'shots': 8.38397311263407, 'should': 8.620361890698302, 'shoulder': 7.80205156718435, 'shoulders': 7.567211976106949, 'shout': 8.150358261452567, 'shouted': 9.18834592830424, 'shouting': 9.623663999562087, 'shouts': 9.313509071258247, 'shoved': 9.382501942745199, 'shovel': 9.45660991489892, 'shovels': 9.077120293194016, 'show': 3.3614785933956717, 'showcase': 5.825115144565936, 'showcased': 8.58757206787531, 'showcases': 8.438040333904347, 'showcasing': 7.944021828454737, 'showed': 6.817552585283662, 'shower': 8.33267981824652, 'showers': 9.942117730680621, 'showing': 5.248478896704921, 'showme': 9.824334695024238, 'shown': 4.7326315778392, 'shows': 4.701694342551487, 'shred': 10.075649123305144, 'shredded': 9.45660991489892, 'shredder': 9.313509071258247, 'shredding': 9.942117730680621, 'shrink': 9.077120293194016, 'shrinking': 8.58757206787531, 'shuffle': 8.977036834637033, 'shuffled': 9.45660991489892, 'shuffles': 9.313509071258247, 'shuffling': 9.942117730680621, 'shut': 7.521749602030192, 'shuts': 9.71897417936641, 'shutter': 9.942117730680621, 'shutting': 9.313509071258247, 'shuttle': 10.075649123305144, 'shy': 6.72324190581242, 'shyest': 9.942117730680621, 'si': 9.824334695024238, 'sibelius': 9.942117730680621, 'sibling': 7.80205156718435, 'siblings': 5.590228190426978, 'sick': 7.294171453648116, 'sickle': 9.623663999562087, 'sickness': 9.824334695024238, 'side': 5.019403317956836, 'sided': 7.8319045303340316, 'sidelines': 9.71897417936641, 'sides': 6.965313467012149, 'sidewalk': 8.214896782590138, 'sidewalks': 9.942117730680621, 'sideways': 9.71897417936641, 'sierra': 8.977036834637033, 'sift': 9.313509071258247, 'sigh': 9.623663999562087, 'sight': 5.006744921084912, 'sights': 8.08973363963613, 'sign': 6.198513376877438, 'signal': 8.84350544201251, 'signals': 9.382501942745199, 'signature': 9.313509071258247, 'signatures': 9.942117730680621, 'signed': 7.532922902628317, 'significance': 8.014226087127986, 'significant': 5.262304001696764, 'significantly': 5.791077824781975, 'signing': 8.014226087127986, 'signs': 6.921692844536259, 'silence': 8.58757206787531, 'silent': 6.69368310357088755, 'silently': 7.758879395319141, 'silhouette': 8.886065056431306, 'silicon': 7.758879395319141, 'silk': 9.18834592830424, 'sill': 9.382501942745199, 'sillies': 9.824334695024238, 'silliness': 9.71897417936641, 'silly': 6.284986974881265, 'silver': 8.33267981824652, 'silverstein': 10.075649123305144, 'silverware': 9.824334695024238, 'similar': 5.574253409819244, 'similarities': 7.267969081254092, 'similarity': 9.824334695024238, 'similarly': 8.08973363963613, 'similes': 9.536652622572456, 'simon': 9.623663999562087, 'simple': 4.218532628728241, 'simpler': 8.689354762185253, 'simplest': 7.664850445670865, 'simplicity': 9.623663999562087, 'simplified': 8.886065056431306, 'simplify': 9.248970550120676, 'simplistic': 9.45660991489892, 'simply': 4.565104717184248, 'simulate': 7.9785080045259065, 'simulated': 8.620361890698302, 'simulates': 9.942117730680621, 'simulating': 9.536652622572456, 'simulation': 8.051267358808335, 'simulations': 7.416389086372366, 'simultaneous': 10.075649123305144, 'simultaneously': 6.160773048894591, 'since': 3.7280097573001116, 'sincere': 8.12973897424983, 'sincerely': 7.816866652969491, 'sing': 5.4605286064638845, 'singer': 9.313509071258247, 'singers': 7.758879395319141, 'singing': 5.741163433400262, 'single': 3.907234563205118, 'singled': 8.654263442373983, 'sings': 9.313509071258247, 'sink': 7.478264490090453, 'sinking': 9.025826998806465, 'sinks': 9.942117730680621, 'sioux': 9.45660991489892, 'sir': 9.077120293194016, 'sirens': 9.382501942745199, 'sister': 8.28388965407709, 'sisters': 7.731099831212066, 'sit': 3.3237125812509616, 'site': 5.925734709928232, 'sites': 5.856141418129037, 'siting': 9.248970550120676, 'sits': 7.03795265065212, 'sitters': 10.075649123305144, 'sitting': 3.6730214469743596, 'situated': 7.101578346532332, 'situation': 5.392196018923008, 'situational': 10.075649123305144, 'situations': 4.46722444863471, 'six': 4.674259571617293, 'sixteen': 7.6271101176880185, 'sixth': 5.158801359309056, 'sixty': 6.605458870156037, 'sizable': 9.824334695024238, 'size': 5.19609923610515, 'sized': 6.664972997688444, 'sizes': 5.8009691022607175, 'skate': 9.623663999562087, 'skateboarding': 10.075649123305144, 'skating': 9.942117730680621, 'skeletal': 9.077120293194016, 'skeleton': 8.620361890698302, 'skeletons': 9.942117730680621, 'skeptical': 9.71897417936641, 'sketch': 7.20937491698804, 'sketchbook': 8.410641359716232, 'sketchbooks': 8.260359156666894, 'sketches': 8.410641359716232, 'sketching': 8.38397311263407, 'ski': 9.623663999562087, 'skies': 9.71897417936641, 'skiing': 9.942117730680621, 'skill': 4.091353065675774, 'skilled': 7.446848293857074, 'skillet': 9.942117730680621, 'skillful': 9.623663999562087, 'skills': 2.0764980079144006, 'skillsnannan': 10.075649123305144, 'skin': 7.2175382276272, 'skip': 7.532922902628317, 'skipping': 8.33267981824652, 'skirts': 10.075649123305144, 'skit': 9.71897417936641, 'skits': 8.307987205656149, 'skull': 9.623663999562087, 'skulls': 9.536652622572456, 'sky': 6.496106333228673, 'skyline': 10.075649123305144, 'skype':

7.6395326376865755, 'skyping': 9.45660991489892, 'skyrocket': 8.802683447492257, 'skyrocketed': 9.942117730680621, 'skyscrapers': 9.313509071258247, 'slab': 9.313509071258247, 'slabs': 10.075649123305144, 'slack': 9.824334695024238, 'slam': 9.131187514464292, 'slanted': 9.942117730680621, 'slap': 9.45660991489892, 'slashed': 8.93051681900214, 'slate': 8.620361890698302, 'slates': 8.725722406356127, 'slave': 9.248970550120676, 'slavery': 9.077120293194016, 'sld': 9.18834592830424, 'sled': 10.075649123305144, 'sleds': 9.71897417936641, 'sleep': 6.592213643406016, 'sleeping': 7.996207581625308, 'sleepy': 8.438040033904347, 'sleeve': 8.886065056431306, 'sleeves': 8.08973363963613, 'slept': 9.824334695024238, 'slew': 9.536652622572456, 'slice': 9.382501942745199, 'slide': 6.614387500900338, 'slider': 10.075649123305144, 'sliders': 9.942117730680621, 'slides': 6.3867696691912075, 'slideshow': 8.886065056431306, 'slideshows': 8.070315553779029, 'sliding': 8.93051681900214, 'slife': 9.824334695024238, 'slight': 8.032575225796183, 'slightest': 9.248970550120676, 'slightly': 7.267969081254092, 'slim': 8.35799762623081, 'slime': 8.93051681900214, 'slip': 7.894424887315365, 'slipped': 9.623663999562087, 'slippery': 9.382501942745199, 'slipping': 8.689354762185253, 'slips': 8.763462734338976, 'slogan': 8.977036834637033, 'slope': 8.802683447492257, 'slopes': 10.075649123305144, 'sloppy': 9.824334695024238, 'slot': 8.58757206787531, 'slots': 9.18834592830424, 'slouch': 9.623663999562087, 'slouching': 8.689354762185253, 'slow': 6.29471152477326, 'slowed': 9.45660991489892, 'slower': 8.051267358808335, 'slowing': 8.763462734338976, 'slowly': 6.256368169575612, 'slows': 8.84350544201251, 'slp': 9.382501942745199, 'slr': 9.71897417936641, 'sluggish': 9.382501942745199, 'slump': 9.077120293194016, 'smack': 9.824334695024238, 'small': 2.5965108278911657, 'smaller': 5.574253409819244, 'smallest': 6.874064795547004, 'smart': 4.573807992312549, 'smartboard': 6.6936831035708755, 'smartboards': 9.025826998806465, 'smarter': 7.138757349774086, 'smartest': 8.051267358808335, 'smarties': 9.248970550120676, 'smartphone': 8.438040033904347, 'smartphones': 7.9785080045259065, 'smarts': 9.025826998806465, 'smarty': 9.18834592830424, 'smartyants': 10.075649123305144, 'smash': 9.623663999562087, 'smashed': 10.075649123305144, 'smell': 7.32107890656804, 'smelling': 9.025826998806465, 'smells': 8.410641359716232, 'smelly': 8.977036834637033, 'smile': 4.64944124402267, 'smiled': 9.824334695024238, 'smiles': 4.9157731428791855, 'smiley': 9.382501942745199, 'smiling': 5.7871485466420856, 'smith': 8.802683447492257, 'smithsonian': 10.075649123305144, 'smocks': 9.248970550120676, 'smoke': 9.536652622572456, 'smoking': 9.824334695024238, 'smoky': 9.824334695024238, 'smooth': 7.101578346532332, 'smoother': 7.446848293857074, 'smoothie': 8.977036834637033, 'smoothies': 8.150358261452567, 'smoothly': 6.445610169214141, 'smudges': 9.824334695024238, 'snack': 5.40415629438598, 'snacking': 9.025826998806465, 'snacks': 5.188527539574256, 'snag': 10.075649123305144, 'snails': 9.71897417936641, 'snake': 9.382501942745199, 'snakes': 9.077120293194016, 'snap': 6.769285844313827, 'snapchat': 9.536652622572456, 'snapped': 9.71897417936641, 'snapping': 9.536652622572456, 'snaps': 9.824334695024238, 'snapshot': 8.55582336956073, 'snapshots': 9.623663999562087, 'snare': 8.58757206787531, 'sneak': 8.84350544201251, 'sneakers': 8.802683447492257, 'sneaky': 9.45660991489892, 'sneeze': 9.824334695024238, 'sneezes': 9.623663999562087, 'sneezing': 9.71897417936641, 'snicket': 10.075649123305144, 'sniff': 10.075649123305144, 'sniffles': 9.824334695024238, 'snow': 7.436591793689885, 'snowball': 9.942117730680621, 'snowflakes': 9.623663999562087, 'snowy': 8.525051710893976, 'snug': 9.824334695024238, 'snuggle': 8.525051710893976, 'snuggling': 10.075649123305144, 'so': 4.479876172478345, 'soak': 6.094633246390046, 'soaked': 9.536652622572456, 'soaking': 7.386830284130821, 'soap': 7.416389086372366, 'soar': 6.15792809676236, 'soared': 10.075649123305144, 'soaring': 8.10953626693231, 'soars': 8.93051681900214, 'soccer': 5.64653445253236, 'sociable': 9.536652622572456, 'social': 3.140695662493101, 'socialization': 7.108904386624405, 'socialize': 6.6010242730881705, 'socializing': 7.567211976106949, 'socially': 5.246193181424065, 'socials': 9.18834592830424, 'societal': 8.410641359716232, 'societies': 8.886065056431306, 'society': 4.588483923461876, 'socio': 4.635088423530563, 'socioeconomic': 3.752058505179842, 'socioeconomically': 6.379652201422343, 'socioeconomics': 9.025826998806465, 'sociology': 9.45660991489892, 'sock': 9.382501942745199, 'socks': 7.185277365408979, 'socrates': 9.71897417936641, 'socratic': 8.08973363963613, 'socrative': 9.18834592830424, 'soda': 8.28388965407709, 'sodas': 9.942117730680621, 'sofa': 8.35799762623081, 'sofas': 9.45660991489892, 'soft': 5.981304561083043, 'softball': 7.488959779207201, 'softballs': 9.382501942745199, 'soften': 9.536652622572456, 'softening': 10.075649123305144, 'softer': 8.28388965407709, 'softly': 9.382501942745199, 'software': 5.490681644634572, 'softwares': 9.824334695024238, 'soil': 6.655583257338606, 'soiled': 10.075649123305144, 'soils': 9.131187514464292, 'sol': 9.248970550120676, 'solace': 8.93 051681900214, 'solar': 6.679225020395646, 'sold': 8.466211210871043, 'soldering': 9.313509071258247, 'soldier': 9.942117730680621, 'soldiers': 9.131187514464292, 'sole': 8.014226087127986, 'solely': 7.0042794355455325, 'soles': 9.942117730680621, 'solfege': 9.71897417936641, 'solicited': 10.075649123305144, 'solid': 5.868826577656352, 'solidarity': 10.075649123305144, 'solidified': 9.824334695024238, 'solidifies': 10.075649123305144, 'solidify': 7.0042794355455325, 'solidifying': 9.45660991489892, 'solids': 9.025826998806465, 'solitary': 9.313509071258247, 'solo': 8.237369368442196, 'solos': 9.71897417936641, 'solubility': 10.075649123305144, 'solution': 5.681199968632705, 'solutions': 5.5009381448017605, 'solve': 4.043591179231909, 'solved': 7.377168373219084, 'solver': 8.802683447492257, 'solvers': 5.40282028884322375, 'solves': 9.45660991489892, 'solving': 4.0326770190512295, 'somali': 7.927214710138356, 'somalia': 7.57890801587014, 'somalian': 9.382501942745199, 'some': 3.301425236947529, 'somebody': 8.33267981824652, 'someday': 7.6395326376865755, 'somehow': 7.578908011587014, 'someone': 5.039624595204068, 'someones': 9.313509071258247, 'someplace': 8.654263442373983, 'somerset': 9.71897417936641, 'something': 3.423339242301846, 'sometime': 8.33267981824652, 'sometimes': 3.933918984581474, 'someway': 9.942117730680621, 'somewhat': 7.367598922202934, 'somewhere': 6.650921244232794, 'son': 8.014226087127986, 'song': 6.210418279383757, 'songs': 5.4819733167427875, 'songwriting': 9.382501942745199, 'sonia': 9.71897417936641, 'sons': 9.131187514464292, 'sony': 9.71897417936641, 'soon': 5.613030481300958,

'sooner': 8.410641359716232, 'sooth': 9.824334695024238, 'soothe': 8.237369638442196, 'soothes': 9.71897417936641, 'soothing': 7.532922902628317, 'sophisticated': 7.927214710138356, 'sophomore': 8.438040333904347, 'sophomores': 7.862676189000785, 'soprano': 9.077120293194016, 'sorcerer': 9.313509071258247, 'sore': 8.725722406356127, 'sorely': 8.58757206787531, 'soreness': 8.977036834637033, 'sorry': 8.763462734338976, 'sort': 6.042673507459335, 'sorted': 8.55582336956073, 'sorter': 9.18834592830424, 'sorting': 6.623396570842704, 'sorts': 6.834173466519702, 'sotomayor': 9.824334695024238, 'sought': 7.677753850506773, 'soul': 7.108904386624405, 'souls': 7.555651153705873, 'sound': 4.841489398057661, 'sounded': 9.536652622572456, 'sounding': 7.744893153344401, 'sounds': 4.71368649159675, 'soundtrack': 9.942117730680621, 'soup': 8.55582336956073, 'soups': 9.942117730680621, 'source': 6.010292097956295, 'sources': 5.957774063672849, 'south': 4.796077799578162, 'southeast': 7.478264490090453, 'southeastern': 8.410641359716232, 'southern': 6.042673507459335, 'southside': 8.93051681900214, 'southwest': 6.851075277322305, 'southwestern': 9.077120293194016, 'soviet': 9.623663999562087, 'sow': 9.824334695024238, 'sower': 9.942117730680621, 'space': 3.5901418579656235, 'spacers': 9.623663999562087, 'spaces': 5.591839794321319, 'spacial': 8.28388965407709, 'spacing': 8.84350544201251, 'spacious': 8.260359156666894, 'spaghetti': 9.313509071258247, 'spain': 8.620361890698302, 'span': 6.169356792585982, 'spanish': 4.4191579366946385, 'spanning': 8.654263442373983, 'spans': 7.0448255299398825, 'spare': 7.704071158824147, 'sparingly': 10.075649123305144, 'spark': 5.208114672849561, 'sparked': 7.614840025096203, 'sparking': 8.214896782590138, 'sparkle': 8.070315553779029, 'sparkling': 9.45660991489892, 'sparkly': 10.075649123305144, 'sparks': 7.330211390131313, 'sparse': 8.620361890698302, 'spartanburg': 9.623663999562087, 'spatial': 6.6936831035708755, 'spatially': 9.942117730680621, 'speak': 4.0319988230265915, 'speaker': 6.445610169214141, 'speakers': 5.410863227642698, 'speaking': 4.672971741432864, 'speaks': 6.828602421470246, 'special': 2.7823399408338974, 'specialist': 6.41575720606446, 'specialists': 8.214896782590138, 'specialize': 8.654263442373983, 'specialized': 6.304531570954235, 'specializes': 8.525051710893976, 'specializing': 8.93051681900214, 'specially': 7.123719472409546, 'specials': 7.185277365408979, 'specialties': 9.71897417936641, 'specialty': 7.996207581625308, 'species': 7.590742473517143, 'specific': 4.237086036623988, 'specifically': 5.2114168222453205, 'specifications': 10.075649123305144, 'specifics': 9.248970550120676, 'specified': 8.763462734338976, 'specimen': 8.763462734338976, 'specimens': 7.910685408187145, 'spectacular': 7.532922902628317, 'spectator': 9.71897417936641, 'spectrum': 5.289348565893251, 'spectrums': 9.824334695024238, 'sped': 7.614840025096203, 'speech': 5.078436849541029, 'speeches': 8.051267358808335, 'speed': 6.201476342008095, 'speeding': 9.71897417936641, 'speeds': 8.38397311263407, 'speedy': 9.942117730680621, 'spell': 6.70835329331867, 'spelled': 9.45660991489892, 'spellers': 9.536652622572456, 'spelling': 5.40415629438598, 'spells': 9.382501942745199, 'spend': 3.98952395796163324, 'spending': 5.735561177851592, 'spends': 8.150358261452567, 'spent': 5.19609923610515, 'sphere': 8.886065056431306, 'spheres': 9.45660991489892, 'sphero': 6.99767875151418, 'spheros': 8.192917875871363, 'spice': 8.171411670650398, 'spices': 9.942117730680621, 'spider': 8.763462734338976, 'spiders': 9.623663999562087, 'spike': 9.248970550120676, 'spikeball': 9.45660991489892, 'spill': 8.214896782590138, 'spilled': 9.71897417936641, 'spills': 8.33267981824652, 'spin': 7.131210144138703, 'spina': 9.824334695024238, 'spinach': 9.824334695024238, 'spine': 8.84350544201251, 'spines': 9.313509071258247, 'spinner': 9.71897417936641, 'spinners': 8.977036834637033, 'spinning': 8.150358261452567, 'spins': 10.075649123305144, 'spiral': 7.758879395319141, 'spirals': 9.942117730680621, 'spirit': 5.843615158309857, 'spirited': 7.0448255299398825, 'spirits': 7.32107890656804, 'spiritual': 9.623663999562087, 'spite': 6.19261365475025, 'splash': 8.260359156666894, 'splendid': 9.942117730680621, 'splinters': 9.942117730680621, 'split': 6.609913220505417, 'splitter': 8.763462734338976, 'splitters': 8.410641359716232, 'splitting': 9.536652622572456, 'spokane': 9.45660991489892, 'spoke': 7.894424887315365, 'spoken': 5.297726831539248, 'sponge': 7.521749602030192, 'sponges': 5.829196782885584, 'sponsor': 8.214896782590138, 'sponsored': 8.171411670650398, 'sponsoring': 8.977036834637033, 'sponsors': 8.802683447492257, 'sponsorship': 10.075649123305144, 'spontaneous': 6.25950788958028, 'spontaneously': 9.536652622572456, 'spools': 9.942117730680621, 'spoon': 8.84350544201251, 'spooner': 9.71897417936641, 'spoons': 8.802683447492257, 'sporadic': 9.18834592830424, 'sport': 5.76580923060709, 'sporting': 7.386830284130821, 'sports': 4.678133043213089, 'sportsmanship': 6.879895715857797, 'sportsmatter': 9.824334695024238, 'spot': 5.104844252006848, 'spotlight': 8.55582336956073, 'spots': 6.390347490539091, 'spotted': 9.942117730680621, 'sprawl': 8.725722406356127, 'sprawled': 8.802683447492257, 'sprawling': 9.71897417936641, 'spray': 7.9785080045259065, 'spread': 5.819023755172534, 'spreading': 7.787452767763197, 'spreads': 8.620361890698302, 'spreadsheet': 9.077120293194016, 'spreadsheets': 8.214896782590138, 'spring': 5.829196782885584, 'springboard': 7.758879395319141, 'springboards': 9.942117730680621, 'springfield': 9.025826998806465, 'springs': 8.08973363963613, 'sprinkled': 10.075649123305144, 'sprinting': 10.075649123305144, 'sprk': 8.689354762185253, 'sprout': 9.077120293194016, 'sprouting': 9.536652622572456, 'sprouts': 10.075649123305144, 'spruce': 9.248970550120676, 'sprucing': 9.942117730680621, 'spunk': 8.725722406356127, 'spunky': 7.457211080892621, 'spur': 8.410641359716232, 'spurs': 9.71897417936641, 'spurts': 10.075649123305144, 'spy': 9.942117730680621, 'squad': 8.689354762185253, 'square': 6.587837268806217, 'squares': 6.713291574959252, 'squash': 9.077120293194016, 'squat': 9.131187514464292, 'squats': 9.71897417936641, 'squatting': 9.025826998806465, 'squeaking': 10.075649123305144, 'squeaky': 9.71897417936641, 'squeeze': 7.731099831212066, 'squeezed': 9.131187514464292, 'squeezing': 9.313509071258247, 'squigz': 10.075649123305144, 'squirm': 7.996207581625308, 'squirming': 8.763462734338976, 'squirmy': 8.654263442373983, 'squirrel': 10.075649123305144, 'squirrely': 10.075649123305144, 'squish': 9.71897417936641, 'squished': 8.620361890698302, 'squishy': 8.763462734338976, 'sr': 9.025826998806465, 'sri': 9.942117730680621, 'ss': 9.623663999562087, 'ssr': 9.623663999562087, 'st': 6.7537011132971285, 'staar': 8.150358261452567, 'stabili': 9.824334695024238, 'stability': 4.9043537691961125,

'stabilization': 9.71897417936641, 'stabilize': 9.131187514464292, 'stabilizing': 10.075649123305144, 'stable': 6.204448112397253, 'stack': 7.910685408187145, 'stackable': 8.725722406356127, 'stacked': 6.95896423933349, 'stacking': 7.944021828454737, 'stacks': 9.077120293194016, 'stadium': 8.977036834637033, 'staff': 4.309562765312787, 'staffed': 9.077120293194016, 'staffing': 8.886065056431306, 'stage': 5.907877092528226, 'stagecraft': 10.075649123305144, 'stages': 6.650921244232794, 'staggering': 9.382501942745199, 'staging': 10.075649123305144, 'stagnant': 8.84350544201251, 'stain': 9.536652622572456, 'stained': 7.894424887315365, 'stains': 8.410641359716232, 'stair': 10.075649123305144, 'stairs': 9.382501942745199, 'stake': 9.077120293194016, 'stakeholders': 8.051267358808335, 'stakes': 7.193245535058156, 'stale': 9.71897417936641, 'stamford': 10.075649123305144, 'stamina': 5.9056671468774224, 'stamp': 7.664850445670865, 'stampers': 8.886065056431306, 'stamping': 9.382501942745199, 'stamps': 6.779812257300814, 'stance': 9.248970550120676, 'stand': 4.4825322165364625, 'standard': 5.303754577336766, 'standardize': 9.025826998806465, 'standardized': 5.741163433400262, 'standards': 3.951591123300615, 'standers': 10.075649123305144, 'standing': 4.8708578147679304, 'standings': 9.536652622572456, 'standpoint': 9.382501942745199, 'stands': 6.288217995462711, 'standup': 9.536652622572456, 'standupkids': 10.075649123305144, 'stanford': 9.18834592830424, 'stanley': 9.45660991489892, 'staple': 7.436591793689885, 'stapled': 9.536652622572456, 'stapler': 8.032575225796183, 'staplers': 8.171411670650398, 'staples': 7.927214710138356, 'stapling': 9.942117730680621, 'star': 6.627931726008095, 'starbucks': 7.731099831212066, 'stare': 9.248970550120676, 'starfall': 7.590742473517143, 'starfish': 9.18834592830424, 'staring': 8.84350544201251, 'stark': 9.131187514464292, 'starry': 9.71897417936641, 'stars': 5.927989502315321, 'start': 3.599336318535446, 'started': 4.626451725797971, 'starter': 7.348730437898551, 'starters': 7.944021828454737, 'starting': 4.818153751277362, 'startling': 9.824334695024238, 'starts': 5.8925090622999114, 'starved': 9.536652622572456, 'starving': 7.944021828454737, 'stash': 9.18834592830424, 'state': 3.893859419542685, 'stated': 6.504106375895749, 'statement': 6.795812598647256, 'statements': 7.8319045303340316, 'staten': 8.802683447492257, 'states': 4.9845316576741805, 'statewide': 8.014226087127986, 'static': 7.862676189000785, 'stating': 8.620361890698302, 'station': 4.683971528821861, 'stationary': 6.596609254879054, 'stationed': 8.495198747744295, 'stationery': 10.075649123305144, 'stations': 4.5973939913184285, 'statistic': 7.862676189000785, 'statistical': 8.886065056431306, 'statistically': 8.33267981824652, 'statistics': 6.627931726008095, 'stats': 8.977036834637033, 'statue': 9.942117730680621, 'statues': 9.131187514464292, 'stature': 9.45660991489892, 'status': 4.3623879046943985, 'statuses': 6.5284978290199085, 'stay': 3.5816791840468896, 'stayed': 5.35799762623081, 'staying': 5.041483331798694, 'stays': 7.544222457882251, 'ste': 9.942117730680621, 'steadily': 8.802683447492257, 'steady': 7.2175382276272, 'steal': 8.977036834637033, 'steam': 4.905165128266992, 'steel': 8.654263442373983, 'steep': 9.248970550120676, 'steeped': 9.824334695024238, 'steer': 7.910685408187145, 'steered': 9.942117730680621, 'steinbeck': 10.075649123305144, 'stellar': 8.466211210871043, 'stem': 3.916251756855307, 'stemming': 8.654263442373983, 'stems': 7.9785080045259065, 'stemscopes': 10.075649123305144, 'stencil': 9.623663999562087, 'stencils': 8.260359156666894, 'step': 4.540567109490932, 'stephen': 8.260359156666894, 'stepped': 7.894424887315365, 'steppers': 9.077120293194016, 'stepping': 6.817552585283662, 'steps': 5.517271098823811, 'stereo': 8.654263442373983, 'stereotype': 9.025826998806465, 'stereotyped': 9.623663999562087, 'stereotypes': 7.744893153344401, 'stereotypical': 9.71897417936641, 'sterile': 8.977036834637033, 'stethoscope': 10.075649123305144, 'stethoscopes': 9.942117730680621, 'steve': 8.192917875871363, 'steven': 9.313509071258247, 'stewards': 8.10953626693231, 'stewardship': 8.525051710893976, 'stick': 6.408431165972386, 'sticker': 8.410641359716232, 'stickers': 6.9911213509680215, 'sticking': 8.654263442373983, 'sticks': 5.709824463207542, 'sticky': 7.225768726763715, 'stiff': 8.032575225796183, 'stifle': 8.763462734338976, 'stifled': 8.654263442373983, 'stifling': 9.623663999562087, 'stigma': 8.150358261452567, 'stigmas': 9.824334695024238, 'still': 3.2833046958343344, 'stilton': 9.824334695024238, 'stilts': 9.131187514464292, 'stimulant': 10.075649123305144, 'stimulate': 6.099980852716641, 'stimulated': 7.0799168497511530, 'stimulates': 7.488959779207201, 'stimulating': 6.304531570954235, 'stimulation': 6.2074287405353905, 'stimuli': 7.758879395319141, 'stimulus': 8.55582336956073, 'stipend': 9.623663999562087, 'stir': 8.802683447492257, 'stirring': 9.536652622572456, 'stitch': 9.313509071258247, 'stitches': 9.824334695024238, 'stix': 8.689354762185253, 'stmath': 9.536652622572456, 'stock': 6.275356081820304, 'stocked': 6.965313467012149, 'stocking': 8.438040333904347, 'stockpile': 9.71897417936641, 'stocks': 9.382501942745199, 'stockton': 9.71897417936641, 'stole': 10.075649123305144, 'stolen': 8.237369638442196, 'stomach': 7.330211390131313, 'stomachs': 7.532922902628317, 'stomp': 9.623663999562087, 'stomping': 9.45660991489892, 'stone': 7.131210144138703, 'stones': 7.944021828454737, 'stood': 8.466211210871043, 'stool': 5.679437853639305, 'stools': 4.226324343358284, 'stop': 4.837688557298004, 'stopped': 7.2593853375627, 'stopping': 7.614840025096203, 'stops': 7.62711101176880185, 'stopwatch': 9.536652622572456, 'stopwatches': 9.131187514464292, 'storage': 4.9432176928027864, 'store': 4.378555636799739, 'stored': 6.438062963578758, 'stores': 7.1540248219048745, 'storied': 9.942117730680621, 'stories': 3.7730301475602386, 'storing': 7.555651153705873, 'storm': 7.878424545968924, 'storming': 10.075649123305144, 'storms': 9.536652622572456, 'story': 4.157908006911805, 'storyboard': 9.18834592830424, 'storyboarding': 9.71897417936641, 'storyboards': 8.654263442373983, 'storybook': 8.977036834637033, 'storybooks': 8.587572067887531, 'storyline': 9.248970550120676, 'storylines': 9.382501942745199, 'storyteller': 9.45660991489892, 'storytellers': 8.763462734338976, 'storytelling': 6.940154907375994, 'storytime': 9.18834592830424, 'storyworks': 7.590742473517143, 'stove': 8.93051681900214, 'straight': 6.48422500534192, 'straightforward': 9.942117730680621, 'strain': 8.214896782590138, 'strained': 9.536652622572456, 'straining': 9.71897417936641, 'strains': 9.71897417936641, 'strand': 9.536652622572456, 'strands': 9.536652622572456, 'strange': 8.410641359716232, 'stranger': 8.977036834637033, 'strangers': 8.070315553779029, 'strap': 9.131187514464292, 'strapped': 8.763462734338976, 'straps': 8.466211210871043, 'strata': 9.71897417936641,

'strategic': 7.478264490090453, 'strategically': 8.192917875871363, 'strategies': 4.403308174483762, 'strategize': 9.45660991489892, 'strategy': 6.178014855329097, 'straw': 9.313509071258247, 'strawberries': 9.536652622572456, 'strawberry': 9.248970550120676, 'straws': 8.307987205656149, 'stray': 9.382501942745199, 'streak': 9.536652622572456, 'stream': 7.467682380759916, 'streamed': 9.824334695024238, 'streaming': 8.58757206787531, 'streamline': 8.620361890698302, 'streamlined': 8.977036834637033, 'streams': 9.313509071258247, 'street': 6.614387500900338, 'streets': 7.312029071048123, 'strength': 5.075545281261229, 'strengthen': 4.9705698252924115, 'strengthened': 8.307987205656149, 'strengthening': 6.301247495753045, 'strengthens': 7.677753850506773, 'strengths': 5.203728700906307, 'strenuous': 9.18834592830424, 'stress': 5.078436849541029, 'stressed': 7.087085339229765, 'stresses': 7.57890801587014, 'stressful': 6.596609254879054, 'stressing': 9.45660991489892, 'stressors': 7.944021828454737, 'stretch': 5.679437853639305, 'stretched': 7.614840025096203, 'stretches': 7.704071158824147, 'stretching': 6.885760835310195, 'stretchy': 8.977036834637033, 'strewn': 10.075649123305144, 'stricken': 5.993280752129759, 'strict': 8.192917875871363, 'strictly': 8.689354762185253, 'stride': 8.495198747744295, 'strides': 6.952655070140225, 'strife': 8.93051681900214, 'strike': 9.025826998806465, 'strikes': 8.84350544201251, 'striking': 8.654263442373983, 'string': 7.087085339229765, 'stringed': 8.802683447492257, 'strings': 7.35812017824839, 'strip': 8.35799762623081, 'striped': 9.942117730680621, 'stripped': 9.824334695024238, 'strips': 7.087085339229765, 'strive': 3.6438580597628185, 'strived': 9.131187514464292, 'strives': 6.022622710413774, 'striving': 5.4819733167427875, 'stroke': 9.382501942745199, 'strokes': 9.382501942745199, 'strong': 4.0111996834406725, 'stronger': 5.322058932198779, 'strongest': 8.10953626693231, 'strongly': 6.426847892758618, 'struck': 8.93051681900214, 'structural': 8.237369638442196, 'structurally': 10.075649123305144, 'structure': 5.250769848451477, 'structured': 5.690057422466766, 'structures': 5.616330814329616, 'structuring': 9.45660991489892, 'struggle': 3.4651453677909383, 'struggled': 6.408431165972386, 'strugglers': 9.71897417936641, 'struggles': 4.715699239676448, 'struggling': 4.083827497100348, 'strumming': 9.71897417936641, 'stuart': 10.075649123305144, 'stubborn': 10.075649123305144, 'stuck': 6.438062963578758, 'studens': 10.075649123305144, 'student': 2.045797570954309, 'students': 1.0081733591392514, 'studentsmy': 10.075649123305144, 'studentsnannan': 9.623663999562087, 'studetns': 10.075649123305144, 'studied': 7.303060401065363, 'studies': 3.7530838833778595, 'studio': 6.74855971379671, 'studios': 9.942117730680621, 'studious': 9.536652622572456, 'studnets': 8.654263442373983, 'study': 4.2292103482474195, 'studying': 5.405494087227639, 'stuff': 6.738355543622468, 'stuffed': 7.6395326376865755, 'stuffing': 9.536652622572456, 'stuffy': 9.131187514464292, 'stumble': 9.536652622572456, 'stumbled': 9.248970550120676, 'stumbling': 9.248970550120676, 'stump': 9.824334695024238, 'stunning': 8.495198747744295, 'stunt': 9.71897417936641, 'stunting': 9.942117730680621, 'stunts': 9.824334695024238, 'stupendous': 9.942117730680621, 'stupid': 8.35799762623081, 'sturdier': 9.131187514464292, 'sturdy': 6.268986633534824, 'stutter': 9.623663999562087, 'stuttering': 9.077120293194016, 'stuyvesant': 9.942117730680621, 'style': 4.935657807994845, 'styles': 4.307774655761702, 'stylish': 9.824334695024238, 'stylistic': 9.942117730680621, 'stylus': 7.9785080045259065, 'styluses': 9.623663999562087, 'styrofoam': 8.977036834637033, 'sub': 7.6271101176880185, 'subconsciously': 9.623663999562087, 'subdivisions': 9.623663999562087, 'subgroups': 9.313509071258247, 'subheadings': 10.075649123305144, 'subitize': 9.824334695024238, 'subitizing': 9.45660991489892, 'subject': 4.280894870443216, 'subjected': 8.93051681900214, 'subjects': 4.405275710780073, 'submerge': 10.075649123305144, 'submerged': 9.382501942745199, 'submission': 9.71897417936641, 'submissions': 9.45660991489892, 'submit': 6.933962937128073, 'submitted': 7.9785080045259065, 'submitting': 8.192917875871363, 'subscribe': 8.977036834637033, 'subscribed': 9.824334695024238, 'subscription': 6.426847892758618, 'subscriptions': 6.879895715857797, 'subsequent': 8.38397311263407, 'subsequently': 8.58757206787531, 'subsidized': 8.12973897424983, 'subsistence': 9.248970550120676, 'substance': 7.927214710138356, 'substances': 8.654263442373983, 'substandard': 9.71897417936641, 'substantial': 7.367598922202934, 'substantially': 8.192917875871363, 'substantive': 9.824334695024238, 'substitute': 8.051267358808335, 'substitutes': 9.313509071258247, 'substituting': 9.942117730680621, 'substitution': 10.075649123305144, 'subtle': 8.466211210871043, 'subtract': 6.933962937128073, 'subtracting': 7.051745972784456, 'subtraction': 5.894690088246272, 'suburb': 6.834173466519702, 'suburban': 5.552308955564684, 'suburbs': 7.57890801587014, 'subway': 9.536652622572456, 'succeed': 3.4200249325104686, 'succeeded': 8.438040333904347, 'succeeding': 6.862503973145928, 'succeeds': 8.171411670650398, 'succesful': 10.075649123305144, 'success': 3.133492417605674, 'successes': 5.925734709928232, 'successful': 2.812019220555043, 'successfully': 5.520269601820067, 'succession': 9.942117730680621, 'succumb': 9.824334695024238, 'sucess': 9.71897417936641, 'sucessful': 9.824334695024238, 'such': 7.32107890656804, 'suck': 9.536652622572456, 'sucked': 9.942117730680621, 'sudan': 8.55582336956073, 'sudanese': 9.824334695024238, 'sudden': 8.466211210871043, 'suddenly': 7.758879395319141, 'suess': 9.18834592830424, 'suffer': 6.438062963578758, 'suffered': 7.664850445670865, 'suffering': 7.330211390131313, 'suffers': 8.495198747744295, 'suffice': 9.623663999562087, 'sufficiency': 8.84350544201251, 'sufficient': 6.587837268806217, 'sufficiently': 8.93051681900214, 'suffixes': 9.313509071258247, 'sugar': 7.717494179156287, 'sugars': 9.942117730680621, 'sugary': 8.763462734338976, 'suggest': 7.521749602030192, 'suggested': 6.5409203490184655, 'suggesting': 9.536652622572456, 'suggestion': 8.84350544201251, 'suggestions': 7.267769081254092, 'suggests': 7.555651153705873, 'suicide': 9.18834592830424, 'suit': 7.20937491698804, 'suitable': 7.276627143997207, 'suitcase': 10.075649123305144, 'suite': 8.466211210871043, 'suited': 7.276627143997207, 'suites': 9.623663999562087, 'suits': 7.123719472409546, 'sum': 8.654263442373983, 'sumdog': 8.689354762185253, 'summaries': 8.35799762623081, 'summarize': 7.758879395319141, 'summarizes': 10.075649123305144, 'summarizing': 8.171411670650398, 'summary': 8.051267358808335, 'summative': 8.93051681900214, 'summed': 9.623663999562087, 'summer': 5.410863227642698, 'summers': 9.382501942745199, 'summit': 8.977036834637033, 'sums': 8.214896782590138, 'sun': 6.952655070140225, 'sunchips': 10.075649123305144, 'sunday': 9.71897417936641, 'sunflowers':

9.623663999562087, 'sung': 10.075649123305144, 'sunglasses': 10.075649123305144, 'sunlight':
8.58757206787531, 'sunny': 8.014226087127986, 'sunrise': 9.623663999562087, 'suns':
9.942117730680621, 'sunscreen': 9.942117730680621, 'sunset': 9.077120293194016, 'sunshine':
7.80205156718435, 'super': 5.41897138017112, 'superb': 9.077120293194016, 'superficial':
9.824334695024238, 'superhero': 8.410641359716232, 'superheroes': 8.051267358808335, 'superheros':
9.536652622572456, 'superintendent': 8.977036834637033, 'superior': 8.260359156666894,
'supermarket': 9.824334695024238, 'superpower': 9.623663999562087, 'superpowers':
9.942117730680621, 'superscience': 9.025826998806465, 'superstar': 9.313509071258247,
'superstars': 8.28388965407709, 'supervise': 9.382501942745199, 'supervised': 8.84350544201251,
'supervision': 7.787452767763197, 'supervisor': 10.075649123305144, 'supper': 8.977036834637033,
'supplement': 5.808953176608938, 'supplemental': 6.596609254879054, 'supplementary':
8.620361890698302, 'supplemented': 8.93051681900214, 'supplementing': 9.025826998806465,
'supplements': 8.58757206787531, 'supples': 9.71897417936641, 'supplied': 6.903565459943701,
'supplies': 2.8947092108832995, 'supply': 4.718389221123656, 'supplying': 6.868267677862678,
'support': 2.7854536924982476, 'supported': 5.729990132802137, 'supporter': 8.93051681900214,
'supporters': 7.944021828454737, 'supporting': 4.98629067307936, 'supportive': 4.878731871198836,
'supportnannan': 10.075649123305144, 'supports': 4.946596074394414, 'suppose': 8.725722406356127,
'supposed': 6.862503973145928, 'supreme': 8.763462734338976, 'sure': 3.866771699591937, 'surely':
7.05871464210055, 'surf': 8.977036834637033, 'surface': 6.132681314027576, 'surfaces':
7.532922902628317, 'surfing': 8.84350544201251, 'surge': 8.886065056431306, 'surgeon':
9.71897417936641, 'surgeons': 9.536652622572456, 'surgery': 9.623663999562087, 'surgical':
10.075649123305144, 'surpass': 7.348730437898551, 'surpassed': 9.025826998806465, 'surpasses':
9.536652622572456, 'surpassing': 9.131187514464292, 'surplus': 9.313509071258247, 'surprise':
6.2074287405353905, 'surprised': 7.079916849751153, 'surprises': 8.28388965407709, 'surprising':
8.051267358808335, 'surprisingly': 8.410641359716232, 'surround': 7.386830284130821, 'surrounded':
5.862463883868524, 'surrounding': 5.588619179621277, 'surroundings': 6.48422500534192,
'surrounds': 7.138757349774086, 'survey': 7.386830284130821, 'surveyed': 8.654263442373983,
'surveying': 9.824334695024238, 'surveys': 8.237369638442196, 'survival': 7.225768726763715,
'survive': 6.438062963578758, 'survived': 8.33267981824652, 'survives': 9.824334695024238,
'surviving': 8.689354762185253, 'survivor': 9.71897417936641, 'survivors': 8.237369638442196,
'susan': 9.382501942745199, 'susceptible': 9.942117730680621, 'sushi': 9.942117730680621,
'suspect': 9.824334695024238, 'suspects': 10.075649123305144, 'suspend': 9.71897417936641,
'suspended': 9.382501942745199, 'suspense': 9.131187514464292, 'suspenseful': 10.075649123305144,
'suspension': 9.45660991489892, 'suspensions': 9.942117730680621, 'sustain': 6.801203447282132,
'sustainability': 7.773064030311097, 'sustainable': 7.377168373219084, 'sustained':
7.488959779207201, 'sustaining': 8.237369638442196, 'sustenance': 9.942117730680621, 'sw':
10.075649123305144, 'swabs': 9.824334695024238, 'swag': 9.623663999562087, 'swahili':
9.077120293194016, 'swap': 8.886065056431306, 'sway': 8.150358261452567, 'swaying':
9.18834592830424, 'sweat': 8.35799762623081, 'sweaters': 9.623663999562087, 'sweating':
9.382501942745199, 'sweatshirt': 10.075649123305144, 'sweatshirts': 9.313509071258247, 'sweaty': 9
.536652622572456, 'sweep': 9.077120293194016, 'sweeper': 10.075649123305144, 'sweeping':
8.689354762185253, 'sweet': 4.999582849288297, 'sweeter': 9.71897417936641, 'sweetest':
6.637064209571368, 'sweeties': 9.536652622572456, 'sweets': 10.075649123305144, 'swell':
9.71897417936641, 'swept': 9.248970550120676, 'swiffer': 9.942117730680621, 'swift':
9.382501942745199, 'swim': 8.38397311263407, 'swimming': 8.12973897424983, 'swing':
7.185277365408979, 'swinging': 7.862676189000785, 'swings': 7.9785080045259065, 'swipe':
9.313509071258247, 'swiping': 10.075649123305144, 'swiss': 9.824334695024238, 'switch':
6.574821900694147, 'switched': 8.410641359716232, 'switches': 8.58757206787531, 'switching':
7.787452767763197, 'swivel': 8.070315553779029, 'swivl': 9.623663999562087, 'sydney':
10.075649123305144, 'syllable': 9.077120293194016, 'syllables': 8.38397311263407, 'symbiotic':
9.623663999562087, 'symbol': 8.307987205656149, 'symbolic': 9.025826998806465, 'symbolism':
8.84350544201251, 'symbolize': 10.075649123305144, 'symbols': 7.32107890656804, 'symmetry':
8.237369638442196, 'sympathetic': 9.382501942745199, 'sympathy': 10.075649123305144, 'symphonic':
9.71897417936641, 'symphony': 8.495198747744295, 'symptoms': 8.763462734338976, 'sync':
8.886065056431306, 'syndrome': 6.423137313362082, 'synergize': 8.84350544201251, 'synergizing': 9.
824334695024238, 'synergy': 9.824334695024238, 'synonyms': 8.260359156666894, 'syntax':
9.18834592830424, 'synthesis': 8.886065056431306, 'synthesize': 7.744893153344401, 'synthesizing':
8.55582336956073, 'syracuse': 9.824334695024238, 'syria': 8.495198747744295, 'syrian':
9.824334695024238, 'system': 4.379994831099484, 'systematic': 8.55582336956073, 'systematically':
8.977036834637033, 'systemic': 9.536652622572456, 'systems': 5.729990132802137, 'ta':
9.313509071258247, 'tab': 8.58757206787531, 'table': 4.141132928068057, 'tables':
4.586121252545906, 'tablet': 5.386925914498771, 'tabletop': 8.051267358808335, 'tablets':
4.426674885143937, 'taboo': 10.075649123305144, 'tabs': 8.35799762623081, 'tac': 9.71897417936641,
'tackle': 5.993280752129759, 'tackles': 9.623663999562087, 'tackling': 7.6271101176880185,
'tacoma': 10.075649123305144, 'tactical': 9.71897417936641, 'tactics': 9.18834592830424,
'tactile': 5.835350648459963, 'tad': 9.45660991489892, 'tadpole': 9.942117730680621, 'tadpoles': 9
.623663999562087, 'tag': 7.532922902628317, 'tagalog': 8.35799762623081, 'tags':
7.614840025096203, 'tail': 9.623663999562087, 'tailed': 9.71897417936641, 'tailor':
7.488959779207201, 'tailored': 6.6010242730881705, 'tailoring': 9.077120293194016, 'tailors':
9.942117730680621, 'tails': 9.71897417936641, 'take': 2.58296841170192, 'taken':
5.225853497186943, 'takeover': 9.942117730680621, 'takers': 7.079916849751153, 'takes':
4.579066549566017, 'taking': 3.9944091655276814, 'tale': 7.072279381982288, 'talent':
6.262657498483176, 'talented': 4.837688557298004, 'talents': 5.384301241076, 'tales':
6.566238157002755, 'talk': 4.868507637422977, 'talkative': 7.944021828454737, 'talked':
6.7282544476359645, 'talkers': 6.909571484003914, 'talkies': 9.536652622572456, 'talking':
5.515775212232229, 'talks': 7.051745972784456, 'tall': 6.94638545712663, 'taller':
8.28388965407709, 'tallest': 9.18834592830424, 'tallies': 9.942117730680621, 'tally':

9.382501942745199, 'tambourine': 10.075649123305144, 'tambourines': 9.45660991489892, 'tampa': 8.1
50358261452567, 'tan': 9.45660991489892, 'tandem': 9.824334695024238, 'tang': 9.824334695024238, '
tangible': 6.379652201422343, 'tangle': 8.725722406356127, 'tangled': 7.6395326376865755,
'tangles': 9.313509071258247, 'tangling': 10.075649123305144, 'tangram': 8.260359156666894,
'tangrams': 7.704071158824147, 'tank': 7.677753850506773, 'tanks': 9.077120293194016, 'tantrum':
10.075649123305144, 'tantrums': 9.623663999562087, 'tanzania': 9.824334695024238, 'tap':
6.369070092091806, 'tape': 5.622964337825249, 'taped': 8.171411670650398, 'tapes':
8.214896782590138, 'tapestry': 9.18834592830424, 'taping': 9.077120293194016, 'tapped':
9.45660991489892, 'tapping': 7.131210144138703, 'taps': 9.45660991489892, 'tardiness':
9.942117730680621, 'tardy': 9.536652622572456, 'target': 5.715283985412441, 'targeted':
6.468599687438839, 'targeting': 7.910685408187145, 'targets': 7.010923978264201, 'task':
4.020204246533755, 'tasked': 7.862676189000785, 'tasking': 9.313509071258247, 'tasks':
4.478815726991907, 'taste': 7.0176129664149975, 'tasted': 9.623663999562087, 'tastes':
8.725722406356127, 'tasting': 8.802683447492257, 'tastings': 10.075649123305144, 'tasty':
8.495198747744295, 'tattered': 7.961116261814038, 'tattling': 10.075649123305144, 'taught':
3.9788597754628197, 'tax': 8.08973363963613, 'taxes': 9.131187514464292, 'taxing':
8.93051681900214, 'taxonomy': 10.075649123305144, 'taylor': 9.382501942745199, 'tchoukball':
10.075649123305144, 'tea': 8.38397311263407, 'teach': 2.2115585629177925, 'teachable':
7.652111419893435, 'teacher': 2.462394692990255, 'teachers': 3.0801446443536116, 'teaches':
5.438150050201692, 'teaching': 2.968808820959045, 'teachings': 9.131187514464292, 'team':
3.99866624027589994, 'teamed': 9.942117730680621, 'teaming': 9.248970550120676, 'teammate':
8.977036834637033, 'teammates': 7.555651153705873, 'teams': 5.190685037714277, 'teamwork':
5.226972691483958, 'tear': 6.940154907375994, 'tearing': 8.802683447492257, 'tears':
7.267969081254092, 'tease': 9.942117730680621, 'teased': 9.248970550120676, 'tech':
5.341960086516074, 'techies': 9.536652622572456, 'technical': 6.331199818036397, 'technically':
8.886065056431306, 'technician': 9.824334695024238, 'technicians': 8.886065056431306, 'technique':
6.718254364301381, 'techniques': 5.279858577708402, 'techno': 9.45660991489892, 'technolgy':
9.71897417936641, 'technological': 4.965383988260046, 'technologically': 6.204448112397253,
'technologies': 6.143823490580818, 'technologist': 10.075649123305144, 'technologists':
8.725722406356127, 'technology': 2.337347759612049, 'techonology': 9.824334695024238, 'techs':
10.075649123305144, 'techy': 9.71897417936641, 'tectonics': 9.45660991489892, 'ted':
8.689354762185253, 'teddy': 9.824334695024238, 'tedious': 8.08973363963613, 'tee':
8.763462734338976, 'teen': 7.250874647894792, 'teenage': 7.664850445670865, 'teenager':
8.014226087127986, 'teenagers': 6.627931726008095, 'teens': 6.655583257338606, 'teepee':
9.536652622572456, 'tees': 9.382501942745199, 'teeter': 9.536652622572456, 'teeth':
7.521749602030192, 'teks': 8.84350544201251, 'telephone': 10.075649123305144, 'telescope':
9.18834592830424, 'telescopes': 9.45660991489892, 'television': 6.801203447282132, 'televisions':
9.131187514464292, 'tell': 4.404291458732111, 'teller': 9.382501942745199, 'tellers':
9.248970550120676, 'telling': 5.993280752129759, 'tells': 6.952655070140225, 'telugu':
9.824334695024238, 'tempera': 8.307987205656149, 'temperament': 9.71897417936641, 'temperature': 7
.161746867998785, 'temperatures': 7.704071158824147, 'template': 9.623663999562087, 'templates': 8
.620361890698302, 'temple': 8.725722406356127, 'tempo': 8.654263442373983, 'temporarily':
9.025826998806465, 'temporary': 7.242435779248927, 'tempos': 9.942117730680621, 'temptation':
9.623663999562087, 'ten': 5.2834067777645, 'tenacious': 7.996207581625308, 'tenacity':
7.521749602030192, 'tend': 5.518769226444833, 'tended': 9.824334695024238, 'tendencies':
8.886065056431306, 'tendency': 8.466211210871043, 'tender': 8.725722406356127, 'tending':
8.84350544201251, 'tends': 7.303060401065363, 'tenets': 9.623663999562087, 'tenfold':
9.623663999562087, 'tenmarks': 8.495198747744295, 'tennessee': 7.031126685581721, 'tennis':
7.2593853375627, 'tenor': 9.248970550120676, 'tens': 7.894424887315365, 'tense':
9.382501942745199, 'tenses': 9.942117730680621, 'tension': 7.802051156718435, 'tensions':
10.075649123305144, 'tent': 8.28388965407709, 'tenth': 8.150358261452567, 'tents':
9.18834592830424, 'tenure': 10.075649123305144, 'term': 6.160773048894591, 'terminology':
8.55582336956073, 'terms': 6.032597855470593, 'terrace': 10.075649123305144, 'terrain':
9.45660991489892, 'terrarium': 8.802683447492257, 'terrariums': 9.824334695024238, 'terrible':
7.927214710138356, 'terribly': 9.248970550120676, 'terrific': 7.116284493922027, 'terrified':
9.536652622572456, 'terrifying': 9.45660991489892, 'territory': 8.620361890698302, 'terror':
10.075649123305144, 'tessellations': 10.075649123305144, 'test': 4.425669354641919, 'testable': 10
.075649123305144, 'testament': 8.620361890698302, 'tested': 6.856773298436943, 'testers':
10.075649123305144, 'testing': 4.894668463461649, 'tests': 5.030382385239247, 'tether':
9.623663999562087, 'tetherball': 9.71897417936641, 'tethered': 9.623663999562087, 'texas':
5.708011226083362, 'text': 4.14530039005723, 'textbook': 5.851948539869001, 'textbooks':
5.5934539996758605, 'textile': 9.077120293194016, 'textiles': 9.45660991489892, 'texting':
8.93051681900214, 'texts': 4.555331716144976, 'textual': 8.33267981824652, 'texture':
7.787452767763197, 'textured': 8.495198747744295, 'textures': 7.6271101176880185, 'tfk':
9.313509071258247, 'th': 8.763462734338976, 'thai': 9.942117730680621, 'thailand':
7.9785080045259065, 'than': 10.075649123305144, 'thank': 3.739582213492698, 'thankful':
6.297974170408076, 'thankfully': 7.652111419893435, 'thankfulness': 10.075649123305144,
'thanking': 9.131187514464292, 'thanks': 5.341960086516074, 'thanksgiving': 8.410641359716232,
'that': 4.281329747597275, 'thats': 8.620361890698302, 'the': 1.4675972035513358, 'theater':
6.376112374717219, 'theaters': 8.93051681900214, 'theatre': 7.225768726763715, 'theatrical':
8.654263442373983, 'theft': 9.536652622572456, 'their': 3.7579688397431377, 'them':
8.28388965407709, 'thematic': 7.499770695311416, 'theme': 5.656808515508546, 'themed':
6.927809071553694, 'themes': 5.808953176608938, 'then': 5.492140434098231, 'theodore':
9.131187514464292, 'theorem': 9.942117730680621, 'theoretical': 8.802683447492257, 'theories':
7.773064030311097, 'theory': 6.839775722068372, 'theraband': 9.942117730680621, 'therabands':
9.824334695024238, 'therapeutic': 7.1540248219048745, 'therapies': 9.025826998806465, 'therapist':
7.339428045236237, 'therapists': 8.070315553779029, 'theraputty': 8.93051681900214, 'therapy':

5.903462074319108, 'there': 3.439140296026512, 'thereby': 7.35812017824839, 'therefor': 8.84350544201251, 'therefore': 4.287437969032151, 'thereof': 9.536652622572456, 'thermal': 9.382501942745199, 'thermometer': 8.886065056431306, 'thermometers': 8.33267981824652, 'thesaurus': 8.438040333904347, 'thesauruses': 9.313509071258247, 'these': 2.02212537877712, 'theses': 7.567211976106949, 'thesis': 9.623663999562087, 'thespians': 9.623663999562087, 'they': 1.5014816619865385, 'thick': 8.35799762623081, 'thicker': 9.71897417936641, 'thickness': 9.71897417936641, 'thief': 8.802683447492257, 'thier': 7.8319045303340316, 'thin': 7.35812017824839, 'thing': 4.07246777252994, 'thinglink': 9.942117730680621, 'things': 2.763476904398853, 'think': 3.5622070806340695, 'thinkcentral': 9.824334695024238, 'thinker': 8.192917875871363, 'thinkers': 4.566260786677166, 'thinking': 3.517046134101594, 'thinks': 8.070315553779029, 'thinner': 9.942117730680621, 'third': 3.872535404308687, 'thirds': 7.602718664563859, 'thirst': 5.555414548122838, 'thirsting': 8.55582336956073, 'thirsty': 6.718254364301381, 'thirteen': 8.08973363963613, 'thirty': 6.143823490580818, 'this': 1.8707039582859366, 'thomas': 7.816866652969491, 'thompson': 9.942117730680621, 'thon': 10.075649123305144, 'thoreau': 9.71897417936641, 'thorough': 8.33267981824652, 'thoroughly': 7.108904386624405, 'those': 6.169356792585982, 'though': 4.0675381850824195, 'thought': 5.001368564048532, 'thoughtful': 5.797000843085097, 'thoughtfully': 8.654263442373983, 'thoughtfulness': 8.802683447492257, 'thoughts': 5.335698325292098, 'thousand': 7.20937491698804, 'thousands': 6.74344461312994, 'thread': 7.944021828454737, 'threading': 9.942117730680621, 'threads': 8.93051681900214, 'threat': 8.763462734338976, 'threatened': 9.45660991489892, 'threatening': 7.787452767763197, 'threats': 9.077120293194016, 'three': 3.9866042478582973, 'threshold': 9.025826998806465, 'threw': 9.248970550120676, 'thrift': 8.55582336956073, 'thrill': 7.744893153344401, 'thrilled': 5.9012618534095065, 'thrilling': 7.614840025096203, 'thrills': 9.45660991489892, 'thrive': 4.35721264026184, 'thrived': 9.077120293194016, 'thrives': 7.467682380759916, 'thriving': 6.817552585283662, 'throat': 9.71897417936641, 'through': 4.290067243114772, 'throughly': 10.075649123305144, 'throughout': 3.0618621254010687, 'throught': 10.075649123305144, 'throw': 6.337979505021775, 'throwing': 7.024346998596342, 'thrown': 7.303060401065363, 'throws': 8.38397311263407, 'thru': 7.396586459076186, 'thrust': 8.58757206787531, 'thumb': 8.977036834637033, 'thumbs': 9.45660991489892, 'thunder': 9.623663999562087, 'thursday': 8.051267358808335, 'thursdays': 8.977036834637033, 'thus': 5.230337809634271, 'thy': 9.45660991489892, 'ti': 7.521749602030192, 'tibetan': 9.623663999562087, 'tic': 9.623663999562087, 'tick': 9.623663999562087, 'ticket': 7.416389086372366, 'tickets': 7.63953263768657 55, 'tickle': 9.824334695024238, 'ticonderoga': 9.824334695024238, 'tide': 9.313509071258247, 'tidy': 7.652111419893435, 'tie': 6.623396570842704, 'tied': 7.024346998596342, 'tier': 7.961116261814038, 'tiered': 8.725722406356127, 'ties': 7.250874647894792, 'tiger': 8.58757206787531, 'tigers': 8.93051681900214, 'tiggly': 8.689354762185253, 'tight': 5.616330814329616, 'tightening': 9.71897417936641, 'tighter': 9.313509071258247, 'tightly': 8.977036834637033, 'tile': 6.874064795547004, 'tiled': 9.18834592830424, 'tiles': 6.18967679507694, 'till': 8.495198747744295, 'tilt': 8.55582336956073, 'tilted': 9.942117730680621, 'tilting': 9.18834592830424, 'tim': 9.623663999562087, 'timbre': 9.382501942745199, 'time': 2.0449606730070053, 'timed': 8.466211210871043, 'timeless': 8.438040333904347, 'timeline': 8.438040333904347, 'timelines': 8.886065056431306, 'timely': 6.95896423933349, 'timer': 6.933962937128073, 'timers': 6.806623514751471, 'times': 3.5375092995374735, 'timid': 8.689354762185253, 'timing': 8.525051710893976, 'tin': 8.977036834637033, 'tiniest': 9.942117730680621, 'tinikling': 10.075649123305144, 'tinker': 7.406438755519197, 'tinkercad': 8.84350544201251, 'tinkerers': 9.45660991489892, 'tinkering': 8.214896782590138, 'tins': 9.824334695024238, 'tints': 9.71897417936641, 'tiny': 6.272166286452204, 'tip': 7.024346998596342, 'tipped': 9.248970550120676, 'tipping': 7.62711101176880185, 'tips': 6.94638545712663, 'tire': 8.886065056431306, 'tired': 6.129915060534685, 'tireless': 9.942117730680621, 'tirelessly': 7.2175382276272, 'tires': 9.71897417936641, 'tiresome': 9.71897417936641, 'tiring': 9.077120293194016, 'tissue': 7.488959779207201, 'tissues': 7.079916849751153, 'title': 2.586876068494582, 'title1': 9.623663999562087, 'titled': 8.214896782590138, 'titles': 5.681199968632705, 'tittle': 9.077120293194016, 'tk': 7.010923978264201, 'tlc': 8.55582336956073, 'tms': 9.824334695024238, 'tmy': 9.248970550120676, 'tn': 8.466211210871043, 'to': 4.254295275603149, 'toad': 8.977036834637C 33, 'toaster': 9.623663999562087, 'tobacco': 10.075649123305144, 'today': 3.889146597859551, 'todays': 8.150358261452567, 'todd': 10.075649123305144, 'toddler': 9.382501942745199, 'toddlers': 8.802683447492257, 'toe': 8.763462734338976, 'toes': 6.801203447282132, 'together': 2.9174687002269843, 'togetherness': 8.93051681900214, 'togo': 9.382501942745199, 'toilet': 8.977036834637033, 'toileting': 9.623663999562087, 'toiletries': 9.536652622572456, 'token': 8.260359156666894, 'tokens': 9.248970550120676, 'told': 5.338198326594182, 'tolerance': 7.488959779207201, 'tolerant': 8.28388965407709, 'tolerate': 9.248970550120676, 'tolkien': 9.824334695024238, 'toll': 8.38397311263407, 'tom': 7.717494179156287, 'tomato': 9.623663999562087, 'tomatoes': 8.55582336956073, 'tomie': 9.942117730680621, 'tomorrow': 5.553860546256103, 'tomorrows': 8.689354762185253, 'ton': 7.079916849751153, 'tonal': 9.942117730680621, 'tonannan': 9.71897417936641, 'tone': 6.337979505021775, 'toner': 7.051745972784456, 'tones': 8.802683447492257, 'tonga': 9.382501942745199, 'tongan': 9.45660991489892, 'tongs': 9.536652622572456, 'tongue': 8.725722406356127, 'tongues': 9.623663999562087, 'toni': 10.075649123305144, 'tonight': 9.623663999562087, 'tons': 6.834173466519702, 'too': 6.764063900332675, 'took': 6.0761386637538815, 'tool': 4.021880692861007, 'toolbox': 8.214896782590138, 'toolboxes': 9.71897417936641, 'toolkit': 9.13187514464292, 'tools': 3.1157080911524364, 'toon': 7.758879395319141, 'toons': 9.824334695024238, 'tooth': 8.192917875871363, 'toothbrush': 8.620361890698302, 'toothbrushes': 7.927214710138356, 'toothless': 9.71897417936641, 'toothpaste': 7.532922902628317, 'toothpicks': 9.025826998806465, 'top': 4.810002539046655, 'topic': 5.101875422513046, 'topical': 9.824334695024238, 'topics': 4.069647890506269, 'topped': 10.075649123305144, 'toppers': 9.313509071258247, 'toppings': 9.942117730680621, 'tops': 7.367598922202934, 'torch':

9.942117730680621, 'torn': 6.738355543622468, 'tornado': 8.38397311263407, 'tornadoes': 9.248970550120676, 'torso': 10.075649123305144, 'tortoise': 9.623663999562087, 'torture': 10.075649123305144, 'toss': 7.339428045236237, 'tossed': 8.93051681900214, 'tossing': 8.654263442373983, 'total': 5.648239482783445, 'totaling': 9.18834592830424, 'totally': 6.874064795547004, 'totals': 9.623663999562087, 'tote': 8.438040333904347, 'totem': 9.824334695024238, 'totes': 8.58757206787531, 'tots': 10.075649123305144, 'touch': 5.1088164518672805, 'touchable': 10.075649123305144, 'touchcast': 9.536652622572456, 'touched': 7.544222457882251, 'touches': 7.396586459076186, 'touching': 6.927809071553694, 'touchpad': 9.18834592830424, 'touchpads': 9.71897417936641, 'touchscreen': 7.773064030311097, 'tough': 5.417615447759984, 'tougher': 8.763462734338976, 'toughest': 7.6271101176880185, 'tour': 7.690825932074126, 'touring': 9.536652622572456, 'tourism': 9.025826998806465, 'tourist': 9.18834592830424, 'tourists': 10.075649123305144, 'tournament': 8.10953626693231, 'tournaments': 7.927214710138356, 'tours': 7.961116261814038, 'tow': 9.71897417936641, 'toward': 5.033146090360865, 'towards': 4.468272666760038, 'towel': 8.84350544201251, 'towels': 7.731099831212066, 'tower': 7.80205156718435, 'towers': 7.816866652969491, 'town': 4.424162952147662, 'towns': 7.0448255299398825, 'township': 8.38397311263407, 'townships': 9.942117730680621, 'toxic': 8.886065056431306, 'toxins': 10.075649123305144, 'toy': 7.072799381982288, 'toys': 5.499466474190305, 'trace': 7.84717200246482, 'traced': 10.075649123305144, 'tracing': 7.8319045303340316, 'track': 4.751942522752287, 'tracked': 8.802683447492257, 'tracker': 7.996207581625308, 'trackers': 7.406438755519197, 'tracking': 6.834173466519702, 'tracks': 7.544222457882251, 'traction': 9.623663999562087, 'trade': 6.72324190581242, 'traded': 9.824334695024238, 'trades': 8.93051681900214, 'trading': 8.886065056431306, 'tradition': 6.758869083455571, 'traditional': 4.1927247447723675, 'traditionally': 7.330211390131313, 'traditions': 6.703439278516241, 'traffic': 8.014226087127986, 'trafficking': 9.942117730680621, 'tragedies': 8.689354762185253, 'tragedy': 8.014226087127986, 'tragic': 8.55582336956073, 'trail': 7.961116261814038, 'trailer': 7.664850445670865, 'trailers': 7.8319045303340316, 'trails': 9.313509071258247, 'train': 6.532621546203771, 'trained': 7.267969081254092, 'trainer': 8.654263442373983, 'trainers': 9.131187514464292, 'training': 5.5647896167882935, 'trainings': 8.689354762185253, 'trains': 8.150358261452567, 'trait': 7.894424887315365, 'traits': 6.419440451480756, 'trajectories': 9.942117730680621, 'trajectory': 8.237369638442196, 'trampoline': 7.614840025096203, 'trampolines': 9.45660991489892, 'tranquil': 9.536652622572456, 'tranquility': 10.075649123305144, 'trans': 9.18834592830424, 'transactions': 9.71897417936641, 'transcend': 8.35799762623081, 'transcends': 9.248970550120676, 'transdisciplinary': 9.824334695024238, 'transfer': 6.08402306727803, 'transferable': 9.077120293194016, 'transferred': 7.544222457882251, 'transferring': 8.08973363963613, 'transfers': 8.150358261452567, 'transform': 5.636364873362731, 'transformation': 7.0448255299398825, 'transformational': 8.977036834637033, 'transformations': 8.35799762623081, 'transformative': 8.260359156666894, 'transformed': 7.32107890656804, 'transforming': 7.0176129664149975, 'transforms': 8.032575225796183, 'transgender': 9.942117730680621, 'transience': 9.45660991489892, 'transiency': 9.025826998806465, 'transient': 6.311132254985587, 'transit': 9.248970550120676, 'transition': 5.054592133746474, 'transitional': 6.39393815866982, 'transitioned': 8.12973897424983, 'transitioning': 6.500098354498211, 'transitions': 6.52030106181573, 'transitory': 9.824334695024238, 'translate': 6.7851173095305075, 'translated': 8.495198747744295, 'translates': 7.961116261814038, 'translating': 9.025826998806465, 'translation': 7.996207581625308, 'translations': 8.654263442373983, 'translator': 9.45660991489892, 'translators': 8.214896782590138, 'translucent': 9.131187514464292, 'transmit': 10.075649123305144, 'transnationals': 9.45660991489892, 'transparencies': 9.942117730680621, 'transparency': 9.71897417936641, 'transparent': 8.886065056431306, 'transplant': 9.025826998806465, 'transplanted': 9.942117730680621, 'transport': 6.660267106651031, 'transportable': 9.536652622572456, 'transportation': 6.34138666334339, 'transported': 8.032575225796183, 'transporting': 8.38397311263407, 'transports': 9.942117730680621, 'trap': 9.623663999562087, 'trapezoid': 8.93051681900214, 'trapped': 8.55582336956073, 'trash': 7.406438755519197, 'trauma': 5.823080555868149, 'traumas': 9.025826998806465, 'traumatic': 7.146361949159306, 'travel': 5.177809323354232, 'traveled': 6.97813415544121, 'travelers': 7.225768726763715, 'traveling': 6.605458870156037, 'travelled': 9.536652622572456, 'travelling': 9.71897417936641, 'travels': 8.12973897424983, 'traverse': 9.536652622572456, 'tray': 8.032575225796183, 'trays': 6.779812257300814, 'treadmill': 9.536652622572456, 'treasure': 6.795812598647256, 'treasured': 7.758879395319141, 'treasures': 8.35799762623081, 'treat': 6.132681314027576, 'treated': 7.161746867998785, 'treating': 8.192917875871363, 'treatment': 7.944021828454737, 'treatments': 9.382501942745199, 'treats': 7.32107890656804, 'tree': 6.738355543622468, 'treehouse': 9.623663999562087, 'trees': 6.921692844536259, 'trek': 9.71897417936641, 'tremendous': 5.588619179621277, 'tremendously': 5.825115144565936, 'trend': 7.267969081254092, 'trending': 9.623663999562087, 'trends': 7.426439422225867, 'trendy': 9.942117730680621, 'trenton': 9.71897417936641, 'tri': 8.410641359716232, 'trial': 7.024346998596342, 'trials': 7.478264490090453, 'triangle': 8.977036834637033, 'triangles': 8.84350544201251, 'triangular': 9.382501942745199, 'tribal': 9.536652622572456, 'tribe': 8.38397311263407, 'tribes': 8.763462734338976, 'tribulations': 8.689354762185253, 'trick': 7.80205156718435, 'trickle': 9.18834592830424, 'tricks': 8.802683447492257, 'tricky': 7.303060401065363, 'tricycle': 9.18834592830424, 'tricycles': 8.466211210871043, 'tried': 5.864580286774902, 'tries': 7.0943055872032525, 'trigger': 9.077120293194016, 'triggered': 9.623663999562087, 'triggers': 8.725722406356127, 'trigonometry': 9.45660991489892, 'trikes': 9.077120293194016, 'trilingual': 9.71897417936641, 'trilogy': 9.824334695024238, 'trim': 9.623663999562087, 'trimester': 8.495198747744295, 'trimmer': 10.075649123305144, 'trinidad': 9.824334695024238, 'trinkets': 9.45660991489892, 'trip': 6.201476342008095, 'triple': 8.28388965407709, 'tripled': 9.248970550120676, 'tripod': 8.466211210871043, 'tripods': 8.802683447492257, 'tripping': 8.237369638442196, 'trips': 5.588619179621277, 'triumph': 8.58757206787531, 'triumphant': 9.824334695024238, 'triumphs': 8.977036834637033, 'trivia':

9.131187514464292, 'trivial': 9.45660991489892, 'troll': 9.18834592830424, 'trombone': 9.077120293194016, 'trombones': 9.942117730680621, 'troopers': 9.623663999562087, 'troops': 10.075649123305144, 'trophies': 9.71897417936641, 'trophy': 9.536652622572456, 'tropical': 9.45660991489892, 'trouble': 5.544586909470774, 'troubled': 7.944021828454737, 'troubles': 7.544222457882251, 'troubleshoot': 8.58757206787531, 'troubleshooting': 8.35799762623081, 'troublesome': 9.536652622572456, 'troubling': 8.802683447492257, 'trough': 9.382501942745199, 'trout': 9.623663999562087, 'trowels': 9.942117730680621, 'truancy': 9.382501942745199, 'truck': 8.93051681900214, 'trucks': 8.802683447492257, 'true': 4.572061266977608, 'truely': 9.942117730680621, 'truer': 9.248970550120676, 'truest': 9.71897417936641, 'truly': 3.7533403922929507, 'trumpet': 8.977036834637033, 'trumpets': 9.248970550120676, 'trunk': 8.150358261452567, 'trust': 6.268986633534824, 'trusted': 8.654263442373983, 'trusting': 8.237369638442196, 'trustworthiness': 9.131187514464292, 'trustworthy': 8.977036834637033, 'trusty': 10.075649123305144, 'truth': 7.131210144138703, 'truthfully': 9.942117730680621, 'truths': 10.075649123305144, 'try': 3.3331054715096897, 'trying': 3.8926791302348183, 'tryouts': 9.45660991489892, 'tthe': 9.45660991489892, 'tub': 7.910685408187145, 'tuba': 8.886065056431306, 'tubano': 9.025826998806465, 'tubanos': 9.623663999562087, 'tube': 8.214896782590138, 'tubes': 7.6395326376865755, 'tubing': 10.075649123305144, 'tubman': 9.131187514464292, 'tubs': 6.74855971379671, 'tuck': 8.84350544201251, 'tucked': 7.677753850506773, 'tucking': 10.075649123305144, 'tucson': 9.623663999562087, 'tuesday': 8.237369638442196, 'tuesdays': 9.382501942745199, 'tug': 9.623663999562087, 'tuition': 8.410641359716232, 'tulsa': 8.495198747744295, 'tumble': 8.84350544201251, 'tumblebooks': 9.248970550120676, 'tumbling': 8.466211210871043, 'tummies': 7.894424887315365, 'tummy': 8.307987205656149, 'tumultuous': 8.620361890698302, 'tune': 6.891660557437383, 'tuned': 8.410641359716232, 'tuner': 9.45660991489892, 'tuners': 8.620361890698302, 'tunes': 8.466211210871043, 'tuning': 8.237369638442196, 'tunnel': 8.763462734338976, 'tunnels': 9.131187514464292, 'turbine': 9.824334695024238, 'turbines': 9.824334695024238, 'turbulent': 9.942117730680621, 'turf': 9.942117730680621, 'turkey': 8.654263442373983, 'turkeys': 9.313509071258247, 'turkish': 9.131187514464292, 'turmoil': 8.150358261452567, 'turn': 4.237502269720528, 'turnaround': 7.910685408187145, 'turned': 6.4763818278808944, 'turner': 9.623663999562087, 'turning': 6.278556084550974, 'turnout': 9.942117730680621, 'turnover': 8.689354762185253, 'turns': 5.619642075633271, 'turtle': 8.763462734338976, 'turtles': 9.131187514464292, 'tutor': 7.944021828454737, 'tutorial': 8.070315553779029, 'tutorials': 7.32107890656804, 'tutoring': 6.553499131225325, 'tutors': 8.070315553779029, 'tv': 6.135455240910301, 'tvs': 9.131187514464292, 'twain': 9.025826998806465, 'tweak': 9.942117730680621, 'tween': 9.824334695024238, 'tweens': 9.536652622572456, 'tweet': 9.824334695024238, 'tweezer': 9.71897417936641, 'tweezers': 8.654263442373983, 'twelfth': 7.652111419893435, 'twelve': 6.812073119519036, 'twentieth': 9.71897417936641, 'twenty': 5.089111380787949, 'twi': 9.942117730680621, 'twice': 6.05541253332367645, 'twilight': 10.075649123305144, 'twin': 9.623663999562087, 'twinkle': 9.077120293194016, 'twirl': 9.71897417936641, 'twist': 7.303060401065363, 'twistable': 9.18834592830424, 'twisted': 9.536652622572456, 'twister': 9.313509071258247, 'twisting': 9.025826998806465, 'twists': 9.382501942745199, 'twitter': 8.410641359716232, 'two': 3.2745250081822883, 'twofold': 9.942117730680621, 'tx': 7.773064030311097, 'tying': 8.10953626693231, 'tynker': 9.45660991489892, 'type': 4.2997674955429215, 'typed': 7.944021828454737, 'types': 4.307774655761702, 'typical': 4.387705712678688, 'typically': 5.335698325292098, 'typing': 5.64313308870887, 'ubiquitous': 9.824334695024238, 'uc': 9.71897417936641, 'ucla': 9.536652622572456, 'udl': 9.942117730680621, 'ugly': 8.802683447492257, 'uil': 9.45660991489892, 'uk': 10.075649123305144, 'ukraine': 9.18834592830424, 'ukrainian': 9.824334695024238, 'ukulele': 7.396586459076186, 'ukuleles': 7.406438755519197, 'ultimate': 6.010292097956295, 'ultimately': 5.375168757512728, 'ultra': 9.623663999562087, 'umbrella': 8.654263442373983, 'umbrellas': 9.71897417936641, 'un': 8.438040333904347, 'unable': 4.750550734079464, 'unacceptable': 8.763462734338976, 'unaffordable': 9.824334695024238, 'unafraid': 9.536652622572456, 'unanimous': 9.623663999562087, 'unanimously': 8.93051681900214, 'unanswered': 9.623663999562087, 'unappealing': 9.942117730680621, 'unassigned': 10.075649123305144, 'unattainable': 9.077120293194016, 'unattractive': 10.075649123305144, 'unavailable': 7.704071158824147, 'unavoidable': 9.623663999562087, 'unaware': 7.927214710138356, 'unbalanced': 9.077120293194016, 'unbearable': 9.131187514464292, 'unbelievable': 7.927214710138356, 'unbelievably': 8.466211210871043, 'unbreakable': 9.824334695024238, 'uncanny': 10.075649123305144, 'uncertain': 9.131187514464292, 'uncertainties': 9.71897417936641, 'uncertainty': 8.214896782590138, 'uncle': 9.382501942745199, 'unclean': 9.824334695024238, 'unclear': 9.942117730680621, 'uncles': 8.08973363963613, 'uncomfortable': 5.552308955564684, 'uncomfortably': 9.45660991489892, 'uncommon': 7.312029071048123, 'unconditional': 8.725722406356127, 'unconditionally': 9.248970550120676, 'unconscious': 9.942117730680621, 'uncontrollable': 9.18834592830424, 'unconventional': 8.466211210871043, 'uncover': 8.525051710893976, 'uncovered': 9.71897417936641, 'uncovering': 9.942117730680621, 'undamaged': 10.075649123305144, 'undefeated': 9.71897417936641, 'undeniable': 8.763462734338976, 'undeniably': 9.45660991489892, 'under': 8.38397311263407, 'underachievers': 9.824334695024238, 'underclassmen': 10.075649123305144, 'underdeveloped': 8.93051681900214, 'underestimate': 9.077120293194016, 'underestimated': 8.84350544201251, 'underexposed': 9.942117730680621, 'underfunded': 7.267969081254092, 'underfunding': 9.45660991489892, 'undergarments': 9.942117730680621, 'undergo': 8.763462734338976, 'undergoing': 8.495198747744295, 'undergone': 8.763462734338976, 'underground': 8.977036834637033, 'underline': 8.84350544201251, 'underlining': 10.075649123305144, 'underlying': 8.654263442373983, 'underneath': 8.08973363963613, 'underpants': 9.71897417936641, 'underperforming': 8.84350544201251, 'underprivileged': 6.472483187465237, 'underrepresented': 7.9785080045259065, 'underserved': 7.744893153344401, 'understand': 3.5418602853717998, 'understandable': 8.237369638442196, 'understandably': 9.18834592830424, 'understanding': 3.5986767604154606, 'understandings': 7.386830284130821, 'understands': 7.406438755519197, 'understatement': 8.214896782590138, 'understood': 7.101578346532332,

7.100130933919197, 'understatement': 8.214090702390150, 'understood': 7.1015703105050502,
'undertake': 9.45660991489892, 'undertaking': 8.977036834637033, 'underutilized':
9.942117730680621, 'undervalued': 9.623663999562087, 'underwater': 8.689354762185253, 'underway':
9.623663999562087, 'underwear': 9.18834592830424, 'undeserved': 9.45660991489892, 'undesirable': 9
.382501942745199, 'undiagnosed': 9.536652622572456, 'undivided': 9.313509071258247,
'undocumented': 9.942117730680621, 'undoubtedly': 8.032575225796183, 'undue': 10.075649123305144,
'unemployed': 8.466211210871043, 'unemployment': 7.478264490090453, 'unending': 9.45660991489892,
'unequal': 9.536652622572456, 'uneven': 8.438040333904347, 'unexpected': 7.944021828454737,
'unexpectedly': 9.71897417936641, 'unexplored': 9.824334695024238, 'unfair': 8.237369638442196,
'unfamiliar': 7.193245535058156, 'unfilled': 9.623663999562087, 'unfinished': 8.84350544201251,
'unfocused': 8.58757206787531, 'unfold': 8.192917875871363, 'unfolding': 10.075649123305144,
'unfolds': 9.45660991489892, 'unforeseen': 9.942117730680621, 'unforgettable': 8.307987205656149,
'unfortunate': 7.250874647894792, 'unfortunately': 4.0546257739556175, 'unhappy':
8.977036834637033, 'unhealthy': 7.234067529578411, 'unheard': 9.71897417936641, 'unified':
7.510699765843607, 'unifies': 9.824334695024238, 'unifix': 8.237369638442196, 'uniform':
7.131210144138703, 'uniformity': 9.942117730680621, 'uniforms': 6.632487542543956, 'unify':
9.623663999562087, 'unifying': 9.623663999562087, 'unimaginable': 7.80205156718435, 'unimportant':
9.45660991489892, 'unincorporated': 9.623663999562087, 'unintentionally': 9.71897417936641,
'uninterested': 8.689354762185253, 'uninteresting': 8.802683447492257, 'uninterrupted':
8.28388965407709, 'uninviting': 9.623663999562087, 'union': 8.260359156666894, 'unique':
3.476556380304952, 'uniquely': 7.416389086372366, 'uniqueness': 7.065732214759196, 'unison':
9.623663999562087, 'unit': 4.585531456008608, 'unite': 8.171411670650398, 'united':
5.19827315000477, 'unites': 8.725722406356127, 'units': 5.517271098823811, 'unity':
7.664850445670865, 'universal': 6.650921244232794, 'universally': 9.131187514464292, 'universe': 7
.590742473517143, 'universities': 7.35812017824839, 'university': 6.16648735015803, 'unkempt':
9.824334695024238, 'unkind': 10.075649123305144, 'unknowingly': 9.077120293194016, 'unknown':
6.516227736428094, 'unknowns': 10.075649123305144, 'unleash': 8.070315553779029, 'unless':
6.618881890488177, 'unlike': 6.66970113888439, 'unlikely': 9.025826998806465, 'unlimited':
6.512170935732479, 'unlock': 6.9156137984598764, 'unlocked': 9.623663999562087, 'unlocking':
8.438040333904347, 'unlocks': 8.28388965407709, 'unmatched': 8.763462734338976, 'unmet':
9.824334695024238, 'unmotivated': 8.466211210871043, 'unnatural': 8.84350544201251, 'unnecessary':
7.704071158824147, 'unneeded': 10.075649123305144, 'unnoticed': 8.84350544201251, 'uno':
9.131187514464292, 'unobstructed': 10.075649123305144, 'unobtrusive': 9.942117730680621,
'unorganized': 8.84350544201251, 'unpack': 8.93051681900214, 'unpacking': 9.623663999562087,
'unparalleled': 8.260359156666894, 'unpleasant': 9.45660991489892, 'unplug': 9.536652622572456,
'unplugged': 9.824334695024238, 'unprecedented': 8.58757206787531, 'unpredictability':
9.71897417936641, 'unpredictable': 7.787452767763197, 'unprepared': 7.348730437898551,
'unprinted': 9.71897417936641, 'unproductive': 9.824334695024238, 'unquenchable':
8.84350544201251, 'unraveling': 9.824334695024238, 'unreachable': 9.623663999562087, 'unreal':
10.075649123305144, 'unrealistic': 8.38397311263407, 'unrelenting': 10.075649123305144,
'unreliable': 8.307987205656149, 'unrest': 9.131187514464292, 'unsafe': 7.242435779248927,
'unseen': 8.977036834637033, 'unsettling': 10.075649123305144, 'unstable': 7.116284493922027,
'unstoppable': 8.802683447492257, 'unstructured': 8.150358261452567, 'unsuccessful':
8.33267981824652, 'unsure': 7.426439422225867, 'untainted': 10.075649123305144, 'untangle':
9.313509071258247, 'untangling': 9.623663999562087, 'untapped': 8.763462734338976, 'unteachable':
9.71897417936641, 'unthinkable': 8.689354762185253, 'until': 8.08973363963613, 'untold':
9.942117730680621, 'untouched': 9.824334695024238, 'untraditional': 10.075649123305144,
'untreated': 9.824334695024238, 'unusable': 8.307987205656149, 'unused': 8.802683447492257,
'unusual': 8.032575225796183, 'unusually': 9.942117730680621, 'unveil': 9.71897417936641,
'unwanted': 8.55582336956073, 'unwavering': 9.623663999562087, 'unwilling': 9.824334695024238,
'unwind': 7.927214710138356, 'unwrap': 9.942117730680621, 'up': 6.7851173095305075, 'upbeat':
8.014226087127986, 'upbringing': 8.886065056431306, 'upbringings': 8.725722406356127, 'upcoming':
5.580612731727536, 'update': 6.7537011132971285, 'updated': 5.96010235343244, 'updates':
7.878424545968924, 'updating': 7.704071158824147, 'upfront': 8.886065056431306, 'upgrade':
7.467682380759916, 'upgraded': 8.33267981824652, 'upgrades': 8.689354762185253, 'upgrading':
8.33267981824652, 'upheaval': 9.45660991489892, 'uphill': 8.525051710893976, 'uphold':
8.654263442373983, 'upkeep': 9.382501942745199, 'uplift': 9.131187514464292, 'uplifted':
9.824334695024238, 'uplifting': 8.28388965407709, 'upload': 6.97813415544121, 'uploaded':
8.35799762623081, 'uploading': 8.886065056431306, 'uploads': 10.075649123305144, 'upmost':
9.942117730680621, 'upon': 5.058369286490219, 'upper': 5.728139993513976, 'uppercase':
8.689354762185253, 'upperclassmen': 9.71897417936641, 'upright': 7.878424545968924, 'uprooted': 9.
71897417936641, 'ups': 6.7332922416659216, 'upset': 7.123719472409546, 'upsetting':
9.536652622572456, 'upside': 8.977036834637033, 'upstairs': 10.075649123305144, 'upstate':
7.499770695311416, 'upward': 8.93051681900214, 'upwards': 9.025826998806465, 'urban':
3.9241329737632435, 'urdu': 8.014226087127986, 'urge': 7.9785080045259065, 'urgency':
8.495198747744295, 'urgent': 8.410641359716232, 'us': 2.721835339249589, 'usa':
7.6271101176880185, 'usable': 7.664850445670865, 'usage': 6.5409203490184655, 'usb':
8.014226087127986, 'use': 1.7822425470672256, 'useable': 9.313509071258247, 'used':
2.6849387344739446, 'useful': 5.616330814329616, 'usefulness': 9.536652622572456, 'useless':
8.93051681900214, 'user': 7.1773721859018655, 'usernames': 10.075649123305144, 'users':
7.499770695311416, 'uses': 5.3738708987971275, 'using': 2.477034994281073, 'usual':
7.532922902628317, 'usually': 5.107821921700772, 'ut': 10.075649123305144, 'utah':
7.339428045236237, 'utensil': 8.977036834637033, 'utensils': 7.330211390131313, 'utilities':
9.45660991489892, 'utility': 8.93051681900214, 'utilization': 8.150358261452567, 'utilize':
4.355337346697732, 'utilized': 5.7430378481946125, 'utilizes': 7.590742473517143, 'utilizing': 5.4
52077851946161, 'utmost': 7.225768726763715, 'utopia': 9.536652622572456, 'utter':
9.71897417936641, 'utterly': 10.075649123305144, 'uv': 8.763462734338976, 'uzbekistan':
9.248970550120676, 'va': 8.35799762623081, 'vacant': 9.536652622572456, 'vacation':

9.248970550120070, 'va': 8.55799702025001, 'vacant': 9.550052022572450, 'vacation': 7.996207581625308, 'vacations': 8.620361890698302, 'vacuum': 7.894424887315365, 'vacuumed': 9.942117730680621, 'vacuums': 10.075649123305144, 'valedictorian': 10.075649123305144, 'valentine': 9.623663999562087, 'valid': 8.525051710893976, 'validate': 8.886065056431306, 'validated': 8.977036834637033, 'validates': 9.942117730680621, 'validating': 9.71897417936641, 'validity': 9.313509071258247, 'valley': 6.434310613960207, 'valleys': 9.942117730680621, 'valuable': 4.836930119643142, 'value': 4.745002869641747, 'valued': 5.84777316845852, 'values': 5.804953171275592, 'valuing': 8.93051681900214, 'valve': 9.536652622572456, 'van': 7.652111419893435, 'vanguard': 9.824334695024238, 'vantage': 9.824334695024238, 'variable': 8.802683447492257, 'variables': 7.816866652969491, 'variation': 8.192917875871363, 'variations': 8.55582336956073, 'varied': 5.297726831539248, 'varies': 7.367598922202934, 'varieties': 8.654263442373983, 'variety': 2.812820181751248, 'various': 3.3677394834123944, 'varsity': 7.816866652969491, 'vary': 5.851948539869001, 'varying': 4.916593824090615, 'vases': 9.71897417936641, 'vast': 5.825115144565936, 'vastly': 7.457211080892621, 'vegas': 7.406438755519197, 'vegetable': 7.161746867998785, 'vegetables': 6.146628541508426, 'vegetation': 9.942117730680621, 'veggie': 8.84350544201251, 'veggies': 8.237369638442196, 'vehicle': 7.108904386624405, 'vehicles': 7.57890801587014, 'veins': 9.71897417936641, 'velcro': 7.386830284130821, 'velocity': 8.466211210871043, 'vending': 9.942117730680621, 'vendor': 9.824334695024238, 'vendors': 9.824334695024238, 'venezuela': 9.131187514464292, 'venn': 9.942117730680621, 'ventilation': 10.075649123305144, 'venture': 7.312029071048123, 'ventured': 8.93051681900214, 'ventures': 9.131187514464292, 'venturing': 9.71897417936641, 'venue': 8.58757206787531, 'venues': 8.237369638442196, 'verb': 8.654263442373983, 'verbal': 5.76580923060709, 'verbalize': 8.525051710893976, 'verbalizing': 9.382501942745199, 'verbally': 7.2593853375627, 'verbs': 8.466211210871043, 'verde': 9.025826998806465, 'verge': 8.495198747744295, 'verify': 8.886065056431306, 'verity': 10.075649123305144, 'vermont': 8.977036834637033, 'vernier': 8.58757206787531, 'vernon': 9.942117730680621, 'versa': 8.802683447492257, 'versatile': 6.903565459943701, 'versatiles': 9.824334695024238, 'versatility': 8.525051710893976, 'verse': 9.18834592830424, 'versed': 8.438040333904347, 'verses': 8.886065056431306, 'version': 6.457038865037763, 'versions': 6.903565459943701, 'versus': 7.1540248219048745, 'vertebrate': 10.075649123305144, 'vertical': 8.38397311263407, 'vertically': 9.824334695024238, 'vertices': 9.131187514464292, 'very': 6.623396570842704, 'vessel': 9.131187514464292, 'vessels': 9.077120293194016, 'vest': 8.93051681900214, 'vested': 8.802683447492257, 'vestibular': 8.051267358808335, 'vests': 8.689354762185253, 'vet': 9.025826998806465, 'veteran': 8.10953626693231, 'veterans': 8.654263442373983, 'veterinarian': 8.84350544201251, 'veterinarians': 8.260359156666894, 'vets': 9.71897417936641, 'vex': 8.150358261452567, 'vga': 9.18834592830424, 'via': 5.64483232446183, 'viable': 7.717494179156287, 'vibe': 9.18834592830424, 'vibrancy': 9.71897417936641, 'vibrant': 5.470478937317052, 'vibrantly': 9.824334695024238, 'vibrate': 9.313509071258247, 'vibrates': 9.942117730680621, 'vibrating': 8.84350544201251, 'vibration': 9.536652622572456, 'vibrations': 9.71897417936641, 'vice': 8.802683447492257, 'vicinity': 9.942117730680621, 'vicious': 9.942117730680621, 'victim': 8.620361890698302, 'victims': 8.260359156666894, 'victor': 9.382501942745199, 'victories': 8.654263442373983, 'victorious': 10.075649123305144, 'victory': 8.763462734338976, 'video': 4.7596321796577055, 'videography': 9.71897417936641, 'videoing': 9.71897417936641, 'videos': 4.47458515484393, 'videotape': 9.71897417936641, 'vietnam': 7.161746867998785, 'vietnamese': 7.079916849751153, 'view': 4.919883300741013, 'viewed': 7.555651153705873, 'viewer': 8.689354762185253, 'viewers': 8.014226087127986, 'viewing': 6.933962937128073, 'viewpoint': 8.977036834637033, 'viewpoints': 8.12973897424983, 'views': 7.510699765843607, 'vigilant': 9.942117730680621, 'vigor': 8.977036834637033, 'vigorous': 8.725722406356127, 'vigorously': 10.075649123305144, 'village': 6.879895715857797, 'villages': 9.313509071258247, 'vincent': 9.382501942745199, 'vinci': 9.382501942745199, 'vine': 9.824334695024238, 'vinegar': 9.623663999562087, 'vinyl': 8.014226087127986, 'viola': 9.18834592830424, 'violas': 9.45660991489892, 'violence': 5.677678838234126, 'violent': 7.386830284130821, 'violin': 8.014226087127986, 'violinists': 9.824334695024238, 'violins': 8.55582336956073, 'vip': 9.536652622572456, 'viral': 9.942117730680621, 'virginia': 6.583479963437261, 'virtual': 5.502411984420061, 'virtually': 6.817552585283662, 'virtue': 9.942117730680621, 'virtues': 8.977036834637033, 'viruses': 8.977036834637033, 'vis': 10.075649123305144, 'visibility': 9.536652622572456, 'visible': 6.99767875151418, 'visibly': 9.077120293194016, 'vision': 5.596690248455069, 'visionaries': 9.536652622572456, 'visionary': 10.075649123305144, 'visions': 8.171411670650398, 'visit': 5.2114168222453205, 'visited': 7.386830284130821, 'visiting': 6.618881890488177, 'visitor': 8.84350544201251, 'visitors': 7.436591793689885, 'visits': 7.250874647894792, 'vista': 8.977036834637033, 'visual': 4.085614169006756, 'visualization': 8.12973897424983, 'visualizations': 9.942117730680621, 'visualize': 6.1522623592266825, 'visualized': 9.71897417936641, 'visualizing': 8.10953626693231, 'visually': 5.950821544357967, 'visuals': 5.693622488631262, 'vital': 4.9757826954809445, 'vitality': 10.075649123305144, 'vitally': 8.150358261452567, 'vitamin': 9.824334695024238, 'vitamins': 9.623663999562087, 'vivacious': 7.467682380759916, 'vive': 9.45660991489892, 'vivid': 7.0943055872032525, 'vividly': 9.382501942745199, 'vocab': 9.45660991489892, 'vocabularies': 7.862676189000785, 'vocabulary': 4.0749417091159845, 'vocal': 7.426439422225867, 'vocalize': 9.623663999562087, 'vocally': 9.71897417936641, 'vocaroo': 10.075649123305144, 'vocation': 9.942117730680621, 'vocational': 6.971170326511092, 'voice': 5.2371022097228135, 'voiced': 8.689354762185253, 'voices': 5.981304561083043, 'voicethread': 10.075649123305144, 'voicing': 9.71897417936641, 'void': 8.192917875871363, 'voila': 10.075649123305144, 'volcanic': 10.075649123305144, 'volcano': 8.93051681900214, 'volcanoes': 8.689354762185253, 'volley': 9.623663999562087, 'volleyball': 6.9156137984598764, 'volleyballs': 8.08973363963613, 'voltage': 9.824334695024238, 'volume': 6.45321476859936, 'volumes': 8.55582336956073, 'voluntarily': 8.977036834637033, 'voluntary': 8.977036834637033, 'volunteer': 6.812073119519036, 'volunteered': 8.620361890698302, 'volunteering': 8.214896782590138, 'volunteerism': 9.623663999562087, 'volunteers': 7.108904386624405, 'voracious': 7.024346998596342, 'voraciously': 9.824334695024238, 'vote':

7.108904386024403, 'voracious': 7.024340996390342, 'voraciously': 9.824334695024238, 'vote':
7.602718664563859, 'voted': 7.652111419893435, 'voters': 10.075649123305144, 'voting':
8.654263442373983, 'vouchers': 9.942117730680621, 'vow': 9.623663999562087, 'vowel':
7.9785080045259065, 'vowels': 8.33267981824652, 'voyage': 9.824334695024238, 'vpk':
9.71897417936641, 'vr': 8.171411670650398, 'vs': 7.467682380759916, 'vulnerability':
9.824334695024238, 'vulnerable': 7.944021828454737, 'wa': 8.886065056431306, 'wacky':
9.077120293194016, 'wacom': 9.942117730680621, 'wadsworth': 10.075649123305144, 'wage':
8.214896782590138, 'wages': 9.025826998806465, 'wagon': 8.763462734338976, 'wagons':
9.824334695024238, 'waist': 9.71897417936641, 'wait': 4.4609581095919, 'waited':
9.313509071258247, 'waiting': 5.5053661963174925, 'waits': 10.075649123305144, 'waivers':
9.942117730680621, 'wake': 6.9156137984598764, 'wakes': 10.075649123305144, 'waking':
8.466211210871043, 'wal': 9.623663999562087, 'waldo': 9.18834592830424, 'walk': 3.756938442949241,
'walked': 6.834173466519702, 'walker': 9.131187514464292, 'walkers': 8.802683447492257, 'walkie':
9.45660991489892, 'walking': 5.362265352676819, 'walks': 5.2599865035564015, 'wall':
5.827153881255785, 'wallet': 9.71897417936641, 'wallets': 9.313509071258247, 'walls':
5.339450674910648, 'walmart': 8.689354762185253, 'walt': 8.150358261452567, 'walter':
8.93051681900214, 'wand': 9.18834592830424, 'wander': 8.28388965407709, 'wandering':
8.214896782590138, 'wands': 8.763462734338976, 'wanes': 9.71897417936641, 'wanna':
9.942117730680621, 'want': 2.066048691757177, 'wanted': 5.220276237888837, 'wanting':
5.131967964005991, 'wants': 5.470478937317052, 'war': 6.570520818794757, 'ward': 8.58757206787531,
'wardrobe': 9.824334695024238, 'wards': 9.623663999562087, 'ware': 9.18834592830424, 'warehouse':
9.536652622572456, 'warhol': 9.623663999562087, 'warlick': 7.787452767763197, 'warm':
5.078436849541029, 'warmed': 9.824334695024238, 'warmer': 8.763462734338976, 'warmest':
10.075649123305144, 'warming': 7.927214710138356, 'warms': 8.12973897424983, 'warmth':
7.878424545968924, 'warmups': 9.71897417936641, 'warning': 8.725722406356127, 'warped':
9.313509071258247, 'warrant': 10.075649123305144, 'warrants': 10.075649123305144, 'warranty': 9.45
660991489892, 'warren': 9.824334695024238, 'warrior': 9.025826998806465, 'warriors':
8.307987205656149, 'wars': 8.032575225796183, 'was': 7.8319045303340316, 'wash':
7.386830284130821, 'washable': 8.654263442373983, 'washed': 8.438040333904347, 'washer':
9.536652622572456, 'washes': 9.824334695024238, 'washi': 10.075649123305144, 'washing':
7.731099831212066, 'washington': 6.175120497302733, 'wasps': 9.536652622572456, 'waste':
6.281766360181223, 'wasted': 6.874064795547004, 'wasteful': 10.075649123305144, 'wastes':
8.802683447492257, 'wasting': 7.348730437898551, 'watch': 4.588483923461876, 'watched':
6.851075277322305, 'watches': 8.171411670650398, 'watching': 5.06596666396416, 'water':
4.8970810098670325, 'watercolor': 7.303060401065363, 'watercolors': 7.787452767763197, 'watered':
10.075649123305144, 'watering': 8.35799762623081, 'waterproof': 8.977036834637033, 'waters':
8.10953626693231, 'watershed': 9.025826998806465, 'watersheds': 9.824334695024238, 'waterway':
9.623663999562087, 'waterways': 9.623663999562087, 'watson': 8.93051681900214, 'watsons':
10.075649123305144, 'watts': 8.84350544201251, 'wave': 7.590742473517143, 'wavelength':
10.075649123305144, 'wavelengths': 9.942117730680621, 'waves': 7.862676189000785, 'wax':
8.763462734338976, 'way': 2.3336812234844584, 'wayne': 9.18834592830424, 'ways':
2.9393932391077824, 'wayside': 9.248970550120676, 'wces': 10.075649123305144, 'we':
1.71788719616009, 'weak': 7.510699765843607, 'weaken': 10.075649123305144, 'weaker':
9.536652622572456, 'weakest': 9.942117730680621, 'weakness': 7.944021828454737, 'weaknesses':
6.561973758216298, 'wealth': 6.574821900694147, 'wealthier': 7.758879395319141, 'wealthiest':
9.536652622572456, 'wealthy': 7.348730437898551, 'weapon': 7.193245535058156, 'weapons':
9.536652622572456, 'wear': 5.672420280980659, 'wearable': 8.93051681900214, 'wearing':
6.868267677862678, 'wears': 8.802683447492257, 'weary': 10.075649123305144, 'weather':
5.539982143084026, 'weathered': 10.075649123305144, 'weathering': 9.248970550120676, 'weave':
8.654263442373983, 'weaving': 8.725722406356127, 'web': 5.750570840502157, 'webcam':
9.313509071258247, 'webcams': 9.623663999562087, 'webpage': 9.077120293194016, 'webpages':
9.45660991489892, 'webquests': 8.93051681900214, 'webs': 8.495198747744295, 'website':
5.831243866507309, 'websites': 5.061215435259149, 'wedge': 9.942117730680621, 'wedges':
9.45660991489892, 'wednesday': 8.55582336956073, 'wednesdays': 8.93051681900214, 'wedo':
8.495198747744295, 'weed': 9.71897417936641, 'weeding': 9.18834592830424, 'weeds':
8.763462734338976, 'week': 3.96830811881136, 'weekday': 9.71897417936641, 'weekdays':
9.942117730680621, 'weekend': 5.357150252010049, 'weekends': 6.012746086917862, 'weekly':
4.949985908148925, 'weeks': 5.515775212232229, 'weigh': 8.58757206787531, 'weighing':
9.45660991489892, 'weighs': 9.942117730680621, 'weight': 6.247007726816048, 'weighted':
7.2593853375627, 'weightlifting': 10.075649123305144, 'weights': 7.6395326376865755, 'weird': 8.62
0361890698302, 'welch': 9.824334695024238, 'welcome': 5.292930659275755, 'welcomed':
6.460877641344929, 'welcomes': 8.014226087127986, 'welcoming': 5.255367557700106, 'welding':
9.382501942745199, 'welfare': 8.763462734338976, 'well': 2.3907338255197246, 'wellbeing':
8.84350544201251, 'wellness': 6.057979928742011, 'wells': 9.71897417936641, 'went':
6.005402112662104, 'were': 8.763462734338976, 'wes': 9.942117730680621, 'west': 6.105357209753022,
'western': 6.927809071553694, 'westside': 9.248970550120676, 'westward': 9.313509071258247, 'wet':
7.567211976106949, 'wether': 9.71897417936641, 'wetlands': 9.536652622572456, 'wh':
10.075649123305144, 'whale': 9.623663999562087, 'whales': 9.382501942745199, 'what':
4.138489921054704, 'whatever': 5.153584863390164, 'whats': 8.886065056431306, 'whatsoever':
9.623663999562087, 'wheat': 10.075649123305144, 'wheel': 7.2593853375627, 'wheelchair':
7.944021828454737, 'wheelchairs': 8.014226087127986, 'wheeled': 9.623663999562087, 'wheels':
6.97170326511092, 'when': 3.221746802834901, 'whenever': 5.670673555645717, 'where':
6.45321476859936, 'whereas': 8.014226087127986, 'whereby': 9.382501942745199, 'wherein':
9.45660991489892, 'wherever': 6.679225020395646, 'whet': 9.942117730680621, 'whether':
4.694435980101164, 'which': 6.965313467012149, 'whichever': 8.58757206787531, 'while':
3.932997467084223, 'whilst': 9.248970550120676, 'whimsical': 9.313509071258247, 'whirlwind':
9.942117730680621, 'whisper': 7.664850445670865, 'whisperer': 9.824334695024238, 'whisperphones':
9.942117730680621, 'whistle': 9.45660991489892, 'whistles': 8.55582336956073, 'white':

9.942117730680621, 'whistle': 9.45660991489892, 'whistles': 8.55582336956073, 'white': 4.8166667621557835, 'whiteboard': 5.955451182256709, 'whiteboards': 6.11076262831993, 'whites': 9.313509071258247, 'whittier': 10.075649123305144, 'whiz': 10.075649123305144, 'who': 5.688279644220766, 'whoever': 8.689354762185253, 'whole': 3.624276377616777, 'wholehearted': 9.824334695024238, 'wholeheartedly': 8.58757206787531, 'wholesome': 9.536652622572456, 'wholly': 9.536652622572456, 'whomever': 9.623663999562087, 'whopping': 9.942117730680621, 'whose': 5.603194336424245, 'why': 5.744915783018812, 'whys': 9.131187514464292, 'wi': 7.704071158824147, 'wichita': 9.71897417936641, 'wide': 3.7340308492486947, 'widely': 7.303060401065363, 'widen': 8.58757206787531, 'widening': 9.623663999562087, 'widens': 9.71897417936641, 'wider': 6.812073119519036, 'widespread': 9.18834592830424, 'width': 9.942117730680621, 'wiesel': 9.824334695024238, 'wife': 10.075649123305144, 'wiffle': 9.313509071258247, 'wifi': 7.6271101176880185, 'wiggle': 4.504582047756136, 'wigglers': 8.307987205656149, 'wiggles': 5.231462036846552, 'wiggling': 6.45321476859936, 'wiggly': 6.18967679507694, 'wigs': 10.075649123305144, 'wii': 8.35799762623081, 'wiki': 9.077120293194016, 'wikipedia': 10.075649123305144, 'wikki': 8.977036834637033, 'wil': 9.18834592830424, 'wild': 6.74344461312994, 'wildcat': 9.382501942745199, 'wildcats': 9.382501942745199, 'wilde': 9.942117730680621, 'wildest': 8.620361890698302, 'wildfire': 9.382501942745199, 'wildlife': 7.996207581625308, 'wildly': 8.654263442373983, 'will': 6.500098354498211, 'willed': 8.886065056431306, 'willems': 8.192917875871363, 'william': 7.717494179156287, 'williams': 8.977036834637033, 'williamsburg': 9.824334695024238, 'willing': 4.517718525661506, 'willingly': 8.150358261452567, 'willingness': 5.9860778398357, 'wills': 10.075649123305144, 'wilmington': 9.45660991489892, 'wilson': 8.38397311263407, 'wimpy': 8.032575225796183, 'win': 5.93478454544815, 'wind': 7.185277365408979, 'windmill': 9.313509071258247, 'windmills': 9.18834592830424, 'window': 6.664972997688444, 'windows': 6.758869083455571, 'winds': 9.382501942745199, 'wing': 8.802683447492257, 'wings': 7.910685408187145, 'winn': 8.93051681900214, 'winner': 7.878424545968924, 'winners': 7.704071158824147, 'winning': 6.334583916020637, 'wins': 8.237369638442196, 'winston': 9.71897417936641, 'winter': 5.976553958324445, 'winters': 8.525051710893976, 'wipe': 6.713291574959252, 'wiped': 8.93051681900214, 'wipes': 6.609913220505417, 'wiping': 9.248970550120676, 'wire': 7.6395326376865755, 'wired': 8.150358261452567, 'wireless': 6.012746086917862, 'wirelessly': 8.58757206787531, 'wires': 7.555651153705873, 'wiring': 9.131187514464292, 'wisconsin': 7.185277365408979, 'wisdom': 7.787452767763197, 'wise': 7.116284493922027, 'wisely': 7.9785080045259065, 'wiser': 9.824334695024238, 'wish': 5.156711494389596, 'wished': 7.996207581625308, 'wishes': 7.927214710138356, 'wishing': 8.12973897424983, 'wishlist': 9.313509071258247, 'wit': 9.025826998806465, 'witch': 9.248970550120676, 'witches': 9.71897417936641, 'with': 2.642658258840356, 'withdrawn': 10.075649123305144, 'within': 3.5823276224139313, 'withing': 9.942117730680621, 'without': 3.1266148114035706, 'withstand': 7.927214710138356, 'witness': 6.524391047067255, 'witnessed': 6.839775722068372, 'witnessing': 7.910685408187145, 'witted': 9.824334695024238, 'witty': 7.57890801587014, 'wixie': 9.824334695024238, 'wizard': 9.536652622572456, 'wizards': 9.025826998806465, 'wms': 10.075649123305144, 'wo': 8.192917875871363, 'wobble': 4.2752586101290175, 'wobbles': 9.248970550120676, 'wobbling': 7.787452767763197, 'wobbly': 6.879895715857797, 'woefully': 9.382501942745199, 'woes': 9.313509071258247, 'woke': 10.075649123305144, 'wold': 8.93051681900214, 'wolf': 8.525051710893976, 'wolves': 9.623663999562087, 'woman': 8.495198747744295, 'women': 6.404788174693886, 'wonder': 5.230337809634271, 'wondered': 8.237369638442196, 'wonderers': 9.45660991489892, 'wonderful': 3.3152344322217155, 'wonderfully': 6.344805470092175, 'wondering': 7.0943055872032525, 'wonderings': 8.763462734338976, 'wonderland': 9.248970550120676, 'wonderment': 9.025826998806465, 'wonders': 6.441829446374235, 'wondrous': 8.55582336956073, 'wont': 8.438040333904347, 'woo': 9.942117730680621, 'wood': 7.131210144138703, 'wooded': 9.536652622572456, 'wooden': 6.774535200199971, 'woodland': 10.075649123305144, 'woods': 8.171411670650398, 'woodson': 9.623663999562087, 'woodwind': 8.10953626693231, 'woodwinds': 10.075649123305144, 'woodworking': 9.45660991489892, 'word': 4.258963223820388, 'wording': 9.623663999562087, 'wordless': 9.536652622572456, 'words': 3.639269843409021, 'wore': 9.077120293194016, 'work': 1.7244430534921196, 'workable': 9.18834592830424, 'workbook': 7.927214710138356, 'workbooks': 6.774535200199971, 'workday': 9.942117730680621, 'worked': 5.175679397096407, 'worker': 7.426439422225867, 'workers': 5.071702817359684, 'workforce': 6.376112374717219, 'workhorse': 10.075649123305144, 'working': 2.4886282834443043, 'workings': 9.131187514464292, 'workload': 9.248970550120676, 'workout': 6.933962937128073, 'workouts': 7.717494179156287, 'workplace': 6.75370111132971285, 'workplaces': 9.131187514464292, 'works': 4.23334771451338, 'worksheet': 6.713291574959252, 'worksheets': 5.64653445253236, 'workshop': 5.215836718943471, 'workshops': 7.146361949159306, 'workspace': 7.590742473517143, 'workspaces': 9.131187514464292, 'workstation': 7.758879395319141, 'workstations': 7.35812017824839, 'world': 2.3484916801093147, 'worldly': 8.10953626693231, 'worlds': 6.022622710413774, 'worldview': 9.025826998806465, 'worldwide': 8.35799762623081, 'worm': 8.237369638442196, 'worms': 7.652111419893435, 'worn': 6.097303474945925, 'worried': 7.131210144138703, 'worries': 6.862503973145928, 'worry': 5.38824083908008, 'worrying': 6.688840479095088, 'worse': 7.386830284130821, 'worst': 7.499770695311416, 'worth': 5.773516397852028, 'worthwhile': 7.446848293857074, 'worthy': 7.20937491698804, 'would': 2.029694609206916, 'wound': 9.536652622572456, 'wounded': 9.623663999562087, 'woven': 8.38397311263407, 'wow': 6.903565459943701, 'wowed': 9.942117730680621, 'wracking': 9.18834592830424, 'wrap': 7.57890801587014, 'wraparound': 9.077120293194016, 'wrapped': 8.438040333904347, 'wrapping': 8.886065056431306, 'wraps': 9.942117730680621, 'wrenching': 9.623663999562087, 'wrestle': 9.45660991489892, 'wrestlers': 9.824334695024238, 'wrestling': 8.763462734338976, 'wriggle': 9.942117730680621, 'wright': 9.18834592830424, 'wring': 9.942117730680621, 'wrinkle': 9.71897417936641, 'wrinkled': 9.71897417936641, 'wrist': 8.525051710893976, 'wristband': 10.075649123305144, 'wristbands': 8.977036834637033, 'wrists': 10.075649123305144, 'write': 3.598017637025675, 'writer': 6.141026285959756, 'writers': 4.703683073733961, 'writes': 7.944021828454737, 'writing':

2.972095864763998, 'writings': 7.406438755519197, 'written': 4.894668463461649, 'wrong': 6.449405240182692, 'wrote': 6.828602421470246, 'wv': 9.131187514464292, 'wwii': 8.654263442373983, 'www': 7.285360823965961, 'wyoming': 9.248970550120676, 'xbox': 8.93051681900214, 'xerox': 10.075649123305144, 'xtra': 9.131187514464292, 'xtramath': 8.28388965407709, 'xylophone': 7.894424887315365, 'xylophones': 7.717494179156287, 'ya': 8.886065056431306, 'yale': 9.942117730680621, 'yamaha': 9.942117730680621, 'yard': 7.193245535058156, 'yards': 8.93051681900214, 'yarn': 8.466211210871043, 'yay': 8.55582336956073, 'yeah': 9.313509071258247, 'year': 2.01146198476607, 'yearbook': 7.146361949159306, 'yearbooks': 9.077120293194016, 'yearlong': 9.025826998806465, 'yearly': 7.193245535058156, 'yearn': 6.879895715857797, 'yearning': 7.193245535058156, 'years': 3.0008067931702738, 'yeats': 8.802683447492257, 'yell': 9.131187514464292, 'yelled': 9.824334695024238, 'yelling': 8.84350544201251, 'yellow': 7.894424887315365, 'yemen': 8.051267358808335, 'yemeni': 9.824334695024238, 'yep': 9.824334695024238, 'yes': 5.890332782877316, 'yesterday': 7.303060401065363, 'yet': 3.880369478902765, 'yield': 8.55582336956073, 'yielding': 10.075649123305144, 'yields': 8.802683447492257, 'yikes': 9.313509071258247, 'ymca': 9.382501942745199, 'yo': 9.623663999562087, 'yoga': 4.9516851439018845, 'yogurt': 9.536652622572456, 'york': 5.4605286064638845, 'you': 4.485728809562089, 'younannan': 8.525051710893976, 'young': 3.3262198955607456, 'younger': 5.390875886718085, 'youngers': 10.075649123305144, 'youngest': 6.401158406643307, 'youngster': 9.824334695024238, 'youngsters': 7.532922902628317, 'your': 3.948468072667302, 'yourself': 9.077120293194016, 'yousafzai': 9.077120293194016, 'youth': 6.091970128970562, 'youthful': 9.382501942745199, 'youths': 9.382501942745199, 'youtube': 6.97813415544121, 'yr': 9.71897417936641, 'yuck': 9.942117730680621, 'yucky': 9.71897417936641, 'yummy': 8.763462734338976, 'yup': 9.824334695024238, 'zany': 9.942117730680621, 'zao': 10.075649123305144, 'zeal': 8.725722406356127, 'zealous': 9.824334695024238, 'zearn': 8.35799762623081, 'zebra': 10.075649123305144, 'zen': 9.248970550120676, 'zenergy': 8.28388965407709, 'zero': 7.521749602030192, 'zest': 7.285360823965961, 'zillion': 9.942117730680621, 'zing': 9.942117730680621, 'zip': 6.9911213509680215, 'ziploc': 9.382501942745199, 'ziplock': 9.18834592830424, 'zipper': 9.313509071258247, 'zippers': 8.977036834637033, 'zipping': 9.248970550120676, 'zombie': 9.824334695024238, 'zombies': 9.536652622572456, 'zone': 6.412087477175497, 'zoned': 8.802683447492257, 'zones': 7.567211976106949, 'zoning': 9.942117730680621, 'zoo': 7.652111419893435, 'zoob': 9.942117730680621, 'zoobs': 9.942117730680621, 'zoology': 9.71897417936641, 'zoom': 8.28388965407709, 'zooming': 9.18834592830424, 'zoos': 9.077120293194016, 'zuma': 10.075649123305144, 'zumba': 9.248970550120676}
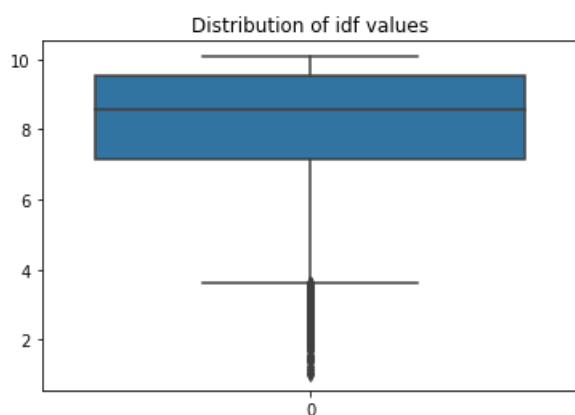
Out[0]:

(16480, 2)

In [0]:
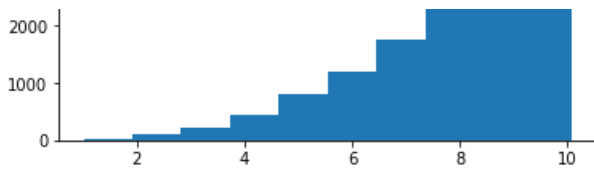
```
sns.boxplot(data=df[1]).set_title('Distribution of idf values')
plt.show()
```


In [0]:

```
plt.hist(df[1])
plt.show()
```

```
iqd_min=df[1].quantile(0.02)
iqd_max=df[1].quantile(0.98)
print(iqd_min)
print(iqd_max)
```

```
3.6964955787292597
10.075649123305144
```

In [0]:

```
df_1 = df[(df[1] > iqd_min) & (df[1] < iqd_max)]
sns.boxplot(data=df_1[1]).set_title('Distribution of idf values after removing')
plt.show()
df_1.shape
```
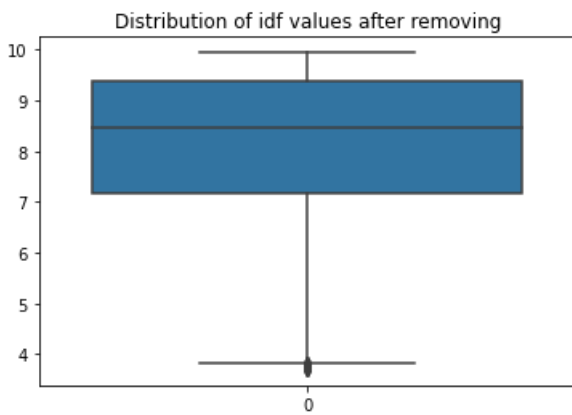

Out[0]:

(15135, 2)

In [0]:

```
df_2 = df[(df[1] <= iqd_min) | (df[1] >= iqd_max)]
remove=list(df_2[0])
len(remove)
```

Out[0]:

1345

In [0]:

```
def idf_words(data):
    preprocessed_essays = []

    for sent in tqdm(data.values):
        sent = ' '.join(e for e in sent.split() if e.lower() not in remove)
        preprocessed_essays.append(sent.lower().strip())
    return preprocessed_essays
```

In [0]:

```
X_Train['essay']=idf_words(X_Train['essay'])
X_CV['essay']=idf_words(X_CV['essay'])
X_Test['essay']=idf_words(X_Test['essay'])
```

```
100%|████████| 61178/61178 [01:22<00:00, 743.41it/s]
100%|████████| 15295/15295 [00:20<00:00, 742.66it/s]
100%|████████| 32775/32775 [00:43<00:00, 746.08it/s]
```

In [0]:

```python
#def word_embedding(docs,embeddings_index):
glove_words =  set(embedding_index.keys())


# prepare tokenizer
t = Tokenizer()
t.fit_on_texts(X_Train['essay'].values)
vocab_size = len(t.word_index) + 1

X_Train_encoded_ess = t.texts_to_sequences(X_Train['essay'].values)
X_Test_encoded_ess = t.texts_to_sequences(X_Test['essay'].values)
X_CV_encoded_ess = t.texts_to_sequences(X_CV['essay'].values)

# pad documents to a max length of 300 words
max_length = 400
X_Train_padded_ess = pad_sequences(X_Train_encoded_ess, maxlen=max_length, padding='post')
X_Test_padded_ess = pad_sequences(X_Test_encoded_ess, maxlen=max_length, padding='post')
X_CV_padded_ess = pad_sequences(X_CV_encoded_ess, maxlen=max_length, padding='post')

embedding_matrix = zeros((vocab_size, 300))
for word, i in t.word_index.items():
  embedding_vector = embedding_index.get(word)
  if embedding_vector is not None:
    embedding_matrix[i] = embedding_vector

print(X_Train_padded_ess.shape)
print(X_CV_padded_ess.shape)
print(X_Test_padded_ess.shape)
```

```
(61178, 400)
(15295, 400)
(32775, 400)
```

In [0]:

```python
K.clear_session()
```

In [0]:

```python
inp_feature = []
concat_feature = []
```

In [0]:

```python
ess_ip = Input(shape=(max_length,), name = "Essay_Input")
inp_feature.append(ess_ip)
Emb_Layer = Embedding(vocab_size, 300, weights=[embedding_matrix],
input_length=max_length,trainable=False)(ess_ip)
Lstm_Layer=
CuDNNLSTM(128,kernel_initializer='he_normal',kernel_regularizer=l2(0.001),return_sequences=True)(E
mb_Layer)
Flat_Layer= Flatten()(Lstm_Layer)
concat_feature.append(Flat_Layer)

x = Input((1,), name="teacher_prefix")
inp_feature.append(x)
x = Embedding(categorical_sizes["teacher_prefix"]+1, categorical_embsizes["teacher_prefix"], input_
length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="school_state")
inp_feature.append(x)
x = Embedding(categorical_sizes["school_state"]+1, categorical_embsizes["school_state"], input_leng
th=1)(x)
```

```
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="project_grade_category")
inp_feature.append(x)
x = Embedding(categorical_sizes["project_grade_category"]+1,
categorical_embsizes["project_grade_category"], input_length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="clean_categories")
inp_feature.append(x)
x = Embedding(categorical_sizes["clean_categories"]+1, categorical_embsizes["clean_categories"],
input_length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

x = Input((1,), name="clean_subcategories")
inp_feature.append(x)
x = Embedding(categorical_sizes["clean_subcategories"]+1,
categorical_embsizes["clean_subcategories"], input_length=1)(x)
x = Flatten()(x)
concat_feature.append(x)

numerical_input=Input(shape=(X_Train_SC_Nmr_val.shape[1],),name='numerical_input')
inp_feature.append(numerical_input)
numerical_input_dense = Dense(64, activation='relu',kernel_initializer='he_normal',kernel_regulariz
er=l2(0.001))(numerical_input)
concat_feature.append(numerical_input_dense)
```

In [0]:

```
tf.keras.layers.concatenate
Part2 = concatenate(concat_feature)
Part2= Dense(128, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Pa
rt2)
Part2= Dropout(0.5)(Part2)
Part2= Dense(64, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Par
t2)
Part2= Dropout(0.5)(Part2)
Part2= Dense(32, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Par
t2)
Part2= Dropout(0.5)(Part2)
output=Dense(2, activation='softmax')(Part2)
Part2_Model = Model(inputs=inp_feature, outputs=output)
```

In [0]:

```
Part2_Model.summary()
```

Model: "model_1"

Layer (type)	Output Shape	Param #	Connected to
Essay_Input (InputLayer)	(None, 400)	0	
embedding_1 (Embedding)	(None, 400, 300)	13163700	Essay_Input[0][0]
teacher_prefix (InputLayer)	(None, 1)	0	
school_state (InputLayer)	(None, 1)	0	
project_grade_category (InputLa	(None, 1)	0	
clean_categories (InputLayer)	(None, 1)	0	
clean_subcategories (InputLayer	(None, 1)	0	
cu_dnnlstm_1 (CuDNNLSTM)	(None, 400, 128)	220160	embedding_1[0][0]
embedding_2 (Embedding)	(None, 1, 3)	18	teacher_prefix[0][0]
embedding_3 (Embedding)	(None, 1, 26)	1352	school_state[0][0]
embedding_4 (Embedding)	(None, 1, 3)	15	project_grade_category[0][0]

embedding_4 (Embedding)	(None, 1, 3)	15	project_grade_category[0][0]
embedding_5 (Embedding)	(None, 1, 26)	1352	clean_categories[0][0]
embedding_6 (Embedding)	(None, 1, 50)	19250	clean_subcategories[0][0]
numerical_input (InputLayer)	(None, 2)	0	
flatten_1 (Flatten)	(None, 51200)	0	cu_dnnlstm_1[0][0]
flatten_2 (Flatten)	(None, 3)	0	embedding_2[0][0]
flatten_3 (Flatten)	(None, 26)	0	embedding_3[0][0]
flatten_4 (Flatten)	(None, 3)	0	embedding_4[0][0]
flatten_5 (Flatten)	(None, 26)	0	embedding_5[0][0]
flatten_6 (Flatten)	(None, 50)	0	embedding_6[0][0]
dense_1 (Dense)	(None, 64)	192	numerical_input[0][0]
concatenate_1 (Concatenate)	(None, 51372)	0	flatten_1[0][0] flatten_2[0][0] flatten_3[0][0] flatten_4[0][0] flatten_5[0][0] flatten_6[0][0] dense_1[0][0]
dense_2 (Dense)	(None, 128)	6575744	concatenate_1[0][0]
dropout_1 (Dropout)	(None, 128)	0	dense_2[0][0]
dense_3 (Dense)	(None, 64)	8256	dropout_1[0][0]
dropout_2 (Dropout)	(None, 64)	0	dense_3[0][0]
dense_4 (Dense)	(None, 32)	2080	dropout_2[0][0]
dropout_3 (Dropout)	(None, 32)	0	dense_4[0][0]
dense_5 (Dense)	(None, 2)	66	dropout_3[0][0]

```
Total params: 19,992,185
Trainable params: 6,828,485
Non-trainable params: 13,163,700
```
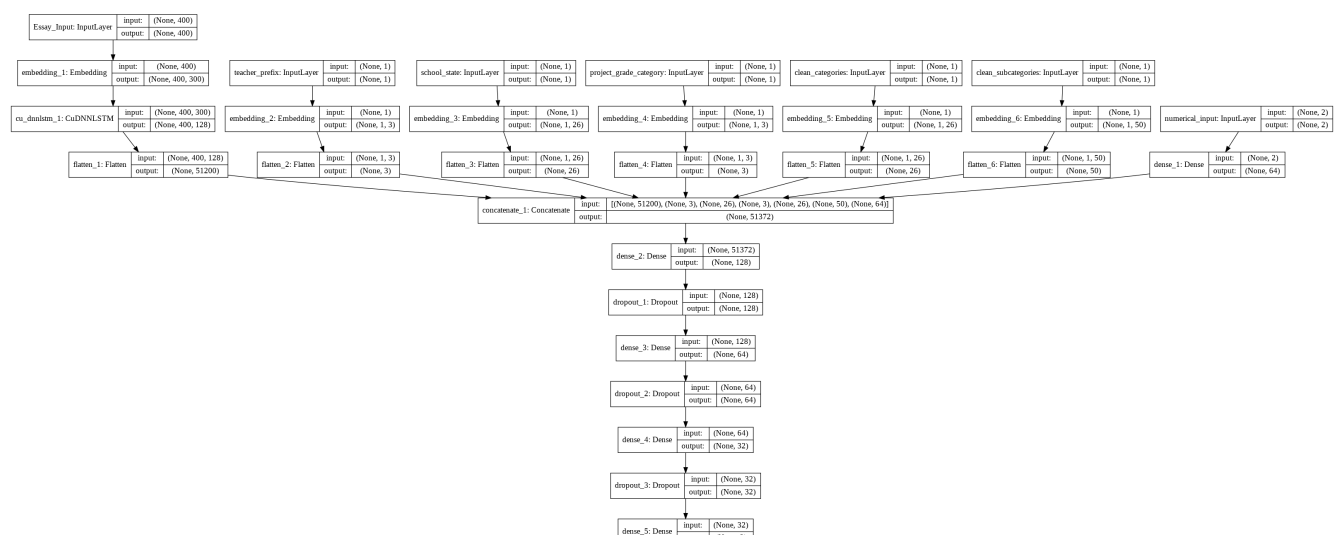
In [0]:

```
#https://machinelearningmastery.com/visualize-deep-learning-neural-network-model-keras/
plot_model(Part2_Model, to_file='/content/gdrive/My Drive/Colab Notebooks/Part2_Model.png',
show_shapes=True, show_layer_names=True)
```

Out[0]:

In [0]:

```
adam = keras.optimizers.Adam(lr=0.001,beta_1=0.91, beta_2=0.999, epsilon=1e-06)
Part2_Model.compile(optimizer=adam, loss='categorical_crossentropy',metrics=[auroc])
batch_size=300
```

In [0]:

```
#https://github.com/taomanwai/tensorboardcolab/
#https://machinelearningmastery.com/check-point-deep-learning-models-keras/

filepath="epochs:{epoch:03d}-val_acc:{val_auroc:.3f}.hdf5"
checkpoint = ModelCheckpoint(filepath, monitor='val_acc', verbose=1, mode='max')
tbc=TensorBoardColab()
earlystopping = EarlyStopping(monitor='val_loss', patience=2, verbose=1)
reduce_lr = ReduceLROnPlateau(monitor='val_loss', factor=0.2,
                            patience=1, min_lr=0.001,verbose = 1)
callbacks_list = [checkpoint,reduce_lr,TensorBoardColabCallback(tbc),earlystopping]
```

```
Wait for 8 seconds...
TensorBoard link:
http://05de9232.ngrok.io
```

In [0]:

```
Part2_Model_fit= Part2_Model.fit({'Essay_Input': X_Train_padded_ess, 'school_state': sch_one_hot_Tr
ain, 'project_grade_category': grade_one_hot_train,'clean_categories': categories_one_hot_Train,'cl
ean_subcategories':sub_categories_one_hot_Train, 'teacher_prefix':prefix_one_hot_Train,
'numerical_input':X_Train_SC_Nmr_val}, Y_Train,
        epochs=20, batch_size=batch_size,verbose=1, validation_data=({'Essay_Input':
X_CV_padded_ess, 'school_state': sch_one_hot_CV, 'project_grade_category': grade_one_hot_CV,'clean_
categories': categories_one_hot_CV,'clean_subcategories':sub_categories_one_hot_CV,
'teacher_prefix':prefix_one_hot_CV, 'numerical_input':X_CV_SC_Nmr_val},
Y_CV),callbacks=callbacks_list)
```

```
Train on 61178 samples, validate on 15295 samples
Epoch 1/20
61178/61178 [==============================] - 15s 241us/step - loss: 1.1040 - auroc: 0.6060 - val
_loss: 0.6797 - val_auroc: 0.6979

Epoch 00001: saving model to epochs:001-val_acc:0.698.hdf5
Epoch 2/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.6031 - auroc: 0.6562 - val
_loss: 0.5357 - val_auroc: 0.7194

Epoch 00002: saving model to epochs:002-val_acc:0.719.hdf5
Epoch 3/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.5126 - auroc: 0.6803 - val
_loss: 0.4804 - val_auroc: 0.7163

Epoch 00003: saving model to epochs:003-val_acc:0.716.hdf5
Epoch 4/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4698 - auroc: 0.6986 - val
_loss: 0.4565 - val_auroc: 0.7249

Epoch 00004: saving model to epochs:004-val_acc:0.725.hdf5
Epoch 5/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4485 - auroc: 0.7047 - val
_loss: 0.4333 - val_auroc: 0.7287

Epoch 00005: saving model to epochs:005-val_acc:0.729.hdf5
Epoch 6/20
61178/61178 [==============================] - 14s 233us/step - loss: 0.4318 - auroc: 0.7177 - val
_loss: 0.4261 - val_auroc: 0.7227

Epoch 00006: saving model to epochs:006-val_acc:0.723.hdf5
Epoch 7/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4218 - auroc: 0.7217 - val
_loss: 0.4200 - val_auroc: 0.7280

Epoch 00007: saving model to epochs:007-val_acc:0.728.hdf5
Epoch 8/20
```

```
Epoch 8/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4142 - auroc: 0.7274 - val
_loss: 0.4077 - val_auroc: 0.7281

Epoch 00008: saving model to epochs:008-val_acc:0.728.hdf5
Epoch 9/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4096 - auroc: 0.7318 - val
_loss: 0.4079 - val_auroc: 0.7324

Epoch 00009: saving model to epochs:009-val_acc:0.732.hdf5

Epoch 00009: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 10/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4070 - auroc: 0.7326 - val
_loss: 0.4010 - val_auroc: 0.7328

Epoch 00010: saving model to epochs:010-val_acc:0.733.hdf5
Epoch 11/20
61178/61178 [==============================] - 14s 231us/step - loss: 0.4039 - auroc: 0.7366 - val
_loss: 0.4008 - val_auroc: 0.7316

Epoch 00011: saving model to epochs:011-val_acc:0.732.hdf5
Epoch 12/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4022 - auroc: 0.7391 - val
_loss: 0.4011 - val_auroc: 0.7301

Epoch 00012: saving model to epochs:012-val_acc:0.730.hdf5

Epoch 00012: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 13/20
61178/61178 [==============================] - 14s 232us/step - loss: 0.4011 - auroc: 0.7413 - val
_loss: 0.4037 - val_auroc: 0.7248

Epoch 00013: saving model to epochs:013-val_acc:0.725.hdf5

Epoch 00013: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 00013: early stopping
```
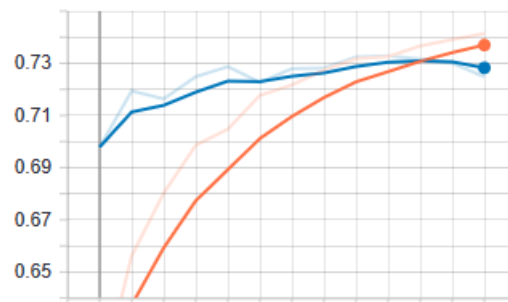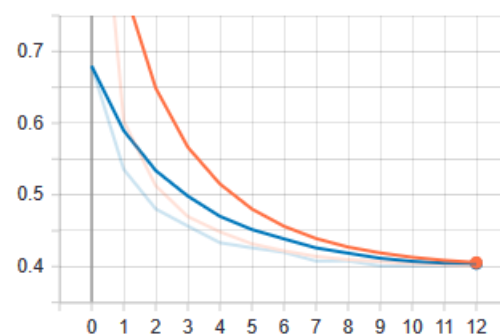
Tensorboard screenshots:
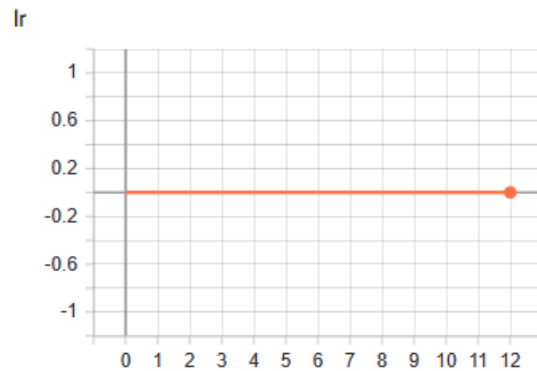
lr

In [0]:

```
#https://stackoverflow.com/posts/54978213/revisions
custom_objects = {"auroc":auroc}
```

In [0]:

```
Part2_Wght = load_model('epochs:013-val_acc:0.725.hdf5',custom_objects=custom_objects)
```

In [0]:

```
Best_Part2 = Part2_Wght.evaluate({'Essay_Input': X_Test_padded_ess, 'school_state':
sch_one_hot_Test, 'project_grade_category': grade_one_hot_Test,'clean_categories':
categories_one_hot_Test,'clean_subcategories':sub_categories_one_hot_Test,
'teacher_prefix':prefix_one_hot_Test, 'numerical_input':X_Test_SC_Nmr_val},
Y_Test,batch_size=batch_size,verbose=1)
```

```
32775/32775 [==============================] - 3s 93us/step
```

In [0]:

```
print(Best_Part2)
```

```
[0.40118651293235186, 0.7256709050956489]
```

In [0]:

```
print("Test loss = {}".format (Best_Part2[0]))
print("Test auroc = {}".format (Best_Part2[1]))
```

```
Test loss = 0.40118651293235186
Test auroc = 0.7256709050956489
```

In [0]:

```
Part2_Wght.save("/content/gdrive/My Drive/Colab Notebooks/Part2_Wght.hdf5")
```

In [0]:

```
%matplotlib notebook
%matplotlib inline
import matplotlib.pyplot as plt
import numpy as np
import time
# https://gist.github.com/greydanus/f6eee59eaf1d90fcb3b534a25362cea4
# https://stackoverflow.com/a/14434334
# this function is used to update the plots for each epoch and error
def plt_dynamic(x, vy, ty,  colors=['b']):
    fig,ax = plt.subplots(1,1)
    ax.set_xlabel('epoch')
    ax.set_ylabel('Roc_AUC Loss')
    ax.plot(x, vy, 'b', label="val_loss")
    ax.plot(x, ty, 'r', label="loss")
```
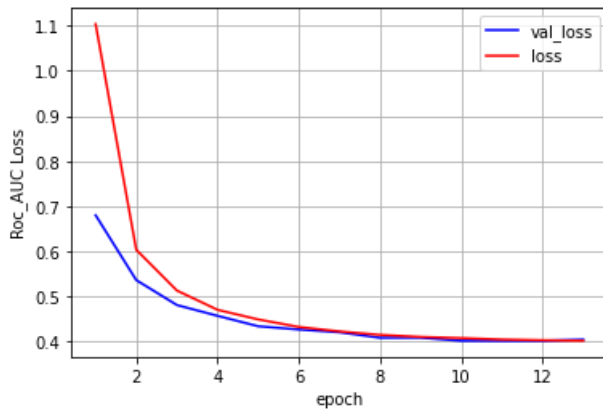
```
    plt.legend()
    plt.grid()
    fig.canvas.draw()
```

In [0]:

```
%matplotlib inline
vy = Part2_Model.history.history['val_loss']
ty = Part2_Model.history.history['loss']

x = list(range(1,14))
plt_dynamic(x, vy, ty)
```


LSTM Part3 - Conv1D

In [0]:

```
# we use count vectorizer to convert the values into one
# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter = Counter()
for word in X_Train['clean_categories'].values:
    my_counter.update(word.split())
cat_dict = dict(my_counter)
sorted_cat_dict_Train = dict(sorted(cat_dict.items(), key=lambda kv: kv[1]))
print(len(sorted_cat_dict_Train))
print(sorted_cat_dict_Train)


vectorizer = CountVectorizer(vocabulary=list(sorted_cat_dict_Train.keys()), lowercase=False,
binary=True)
vectorizer.fit(X_Train['clean_categories'].values)
categories_one_hot_Train = vectorizer.transform(X_Train['clean_categories'].values)
categories_one_hot_CV = vectorizer.transform(X_CV['clean_categories'].values)
categories_one_hot_Test = vectorizer.transform(X_Test['clean_categories'].values)
print("Shape of categories_one_hot_Train matrix after one hot encodig ",categories_one_hot_Train.s
hape)
print("Shape of categories_one_hot_CV matrix after one hot encodig ",categories_one_hot_CV.shape)
print("Shape of categories_one_hot_Test matrix after one hot encodig ",categories_one_hot_Test.sha
pe)
```

```
9
{'warmth': 794, 'care_hunger': 794, 'history_civics': 3210, 'music_arts': 5708, 'appliedlearning':
6876, 'specialneeds': 7701, 'health_sports': 8045, 'math_science': 23150, 'literacy_language':
29216}
Shape of categories_one_hot_Train matrix after one hot encodig  (61178, 9)
Shape of categories_one_hot_CV matrix after one hot encodig  (15295, 9)
Shape of categories_one_hot_Test matrix after one hot encodig  (32775, 9)
```

In [0]:

```
# we use count vectorizer to convert the values into one
# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter = Counter()
for word in X_Train['clean_subcategories'].values:
    my_counter.update(word.split())
```

```
        my_counter.update(word.split())
sub_cat_dict = dict(my_counter)
sorted_sub_cat_dict_Train = dict(sorted(sub_cat_dict.items(), key=lambda kv: kv[1]))
print(sorted_sub_cat_dict_Train)
print(len(sorted_sub_cat_dict_Train))

vectorizer = CountVectorizer(vocabulary=list(sorted_sub_cat_dict_Train.keys()), lowercase=False, b
inary=True)
vectorizer.fit(X_Train['clean_subcategories'].values)
sub_categories_one_hot_Train = vectorizer.transform(X_Train['clean_subcategories'].values)
sub_categories_one_hot_CV = vectorizer.transform(X_CV['clean_subcategories'].values)
sub_categories_one_hot_Test = vectorizer.transform(X_Test['clean_subcategories'].values)
print("Shape of Sub_categories_one_hot_Train matrix after one hot encodig
",sub_categories_one_hot_Train.shape)
print("Shape of Sub_categories_one_hot_CV matrix after one hot encodig ",sub_categories_one_hot_CV
.shape)
print("Shape of Sub_categories_one_hot_Test matrix after one hot encodig
",sub_categories_one_hot_Test.shape)
```

```
{'economics': 141, 'communityservice': 235, 'financialliteracy': 306, 'parentinvolvement': 385, 'c
ivics_government': 443, 'extracurricular': 457, 'foreignlanguages': 489, 'nutritioneducation': 757
, 'warmth': 794, 'care_hunger': 794, 'socialsciences': 1053, 'performingarts': 1102,
'charactereducation': 1146, 'teamsports': 1171, 'other': 1374, 'college_careerprep': 1467,
'history_geography': 1705, 'music': 1727, 'health_lifescience': 2365, 'earlydevelopment': 2408, 'e
sl': 2499, 'gym_fitness': 2588, 'environmentalscience': 3108, 'visualarts': 3501,
'health_wellness': 5812, 'appliedsciences': 6121, 'specialneeds': 7701, 'literature_writing':
12293, 'mathematics': 15662, 'literacy': 18894}
30
Shape of Sub_categories_one_hot_Train matrix after one hot encodig  (61178, 30)
Shape of Sub_categories_one_hot_CV matrix after one hot encodig  (15295, 30)
Shape of Sub_categories_one_hot_Test matrix after one hot encodig  (32775, 30)
```

School State

In [0]:

```
# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter_sch = Counter()
for word in X_Train['school_state'].values:
    my_counter_sch.update(word.split())

# dict sort by value python: https://stackoverflow.com/a/613218/4084039
sch_dict = dict(my_counter_sch)
sorted_sch_dict = dict(sorted(sch_dict.items(), key=lambda kv: kv[1]))

vectorizer = CountVectorizer(vocabulary=list(sorted_sch_dict.keys()), lowercase=False, binary=True
)
vectorizer.fit(X_Train['school_state'].values)
sch_one_hot_Train = vectorizer.transform(X_Train['school_state'].values)
sch_one_hot_CV = vectorizer.transform(X_CV['school_state'].values)
sch_one_hot_Test = vectorizer.transform(X_Test['school_state'].values)

print("Shape of sch_one_hot_Train matrix after one hot encodig ",sch_one_hot_Train.shape)
print("Shape of sch_one_hot_CV matrix after one hot encodig ",sch_one_hot_CV.shape)
print("Shape of sch_one_hot_Test matrix after one hot encodig ",sch_one_hot_Test.shape)
```

```
Shape of sch_one_hot_Train matrix after one hot encodig  (61178, 51)
Shape of sch_one_hot_CV matrix after one hot encodig  (15295, 51)
Shape of sch_one_hot_Test matrix after one hot encodig  (32775, 51)
```

Prefix

In [0]:

```
# remove special characters from list of strings python:
https://stackoverflow.com/a/47301924/4084039
# https://www.geeksforgeeks.org/removing-stop-words-nltk-python/
# https://stackoverflow.com/questions/23669024/how-to-strip-a-specific-word-from-a-string
# https://stackoverflow.com/questions/8270092/remove-all-whitespace-in-a-string-in-python

# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter_prefix_Train = Counter()
for word in X_Train['teacher_prefix'].values:
```

```
        my_counter_prefix_Train.update(word.split())

# dict sort by value python: https://stackoverflow.com/a/613218/4084039
prefix_dict_Train = dict(my_counter_prefix_Train)
sorted_prefix_dict_Train = dict(sorted(prefix_dict_Train.items(), key=lambda kv: kv[1]))

vectorizer = CountVectorizer(vocabulary=list(sorted_prefix_dict_Train.keys()), lowercase=False, bi
nary=True)
vectorizer.fit(X_Train['teacher_prefix'].values)
prefix_one_hot_Train = vectorizer.transform(X_Train['teacher_prefix'].values)
prefix_one_hot_CV = vectorizer.transform(X_CV['teacher_prefix'].values)
prefix_one_hot_Test = vectorizer.transform(X_Test['teacher_prefix'].values)

print("Shape of prefix_one_hot_Train matrix after one hot encodig ",prefix_one_hot_Train.shape)
print("Shape of prefix_one_hot_CV matrix after one hot encodig ",prefix_one_hot_CV.shape)
print("Shape of prefix_one_hot_Test matrix after one hot encodig ",prefix_one_hot_Test.shape)
```

```
Shape of prefix_one_hot_Train matrix after one hot encodig  (61178, 5)
Shape of prefix_one_hot_CV matrix after one hot encodig  (15295, 5)
Shape of prefix_one_hot_Test matrix after one hot encodig  (32775, 5)
```

project_grade_category

In [0]:

```
# remove special characters from list of strings python:
https://stackoverflow.com/a/47301924/4084039
# https://www.geeksforgeeks.org/removing-stop-words-nltk-python/
# https://stackoverflow.com/questions/23669024/how-to-strip-a-specific-word-from-a-string
# https://stackoverflow.com/questions/8270092/remove-all-whitespace-in-a-string-in-python

# count of all the words in corpus python: https://stackoverflow.com/a/22898595/4084039
my_counter_grade_train = Counter()
for word in X_Train['project_grade_category'].values:
    my_counter_grade_train.update(word.split())
grade_dict_Train = dict(my_counter_grade_train)
sorted_grade_dict_Train = dict(sorted(grade_dict_Train.items(), key=lambda kv: kv[1]))

vectorizer = CountVectorizer(vocabulary=list(sorted_grade_dict_Train.keys()), lowercase=False, bin
ary=True)
vectorizer.fit(X_Train['project_grade_category'].values)
grade_one_hot_train = vectorizer.transform(X_Train['project_grade_category'].values)
grade_one_hot_CV = vectorizer.transform(X_CV['project_grade_category'].values)
grade_one_hot_Test = vectorizer.transform(X_Test['project_grade_category'].values)


print("Shape of grade_one_hot_train matrix after one hot encodig ",grade_one_hot_train.shape)
print("Shape of grade_one_hot_CV matrix after one hot encodig ",grade_one_hot_CV.shape)
print("Shape of grade_one_hot_Test matrix after one hot encodig ",grade_one_hot_Test.shape)
```

```
Shape of grade_one_hot_train matrix after one hot encodig  (61178, 4)
Shape of grade_one_hot_CV matrix after one hot encodig  (15295, 4)
Shape of grade_one_hot_Test matrix after one hot encodig  (32775, 4)
```

Price data

In [0]:

```
price_norm = Normalizer(norm='l2', copy=False)
price_norm.fit(X_Train['price'].values.reshape(1,-1))

price_norm.transform(X_Train['price'].values.reshape(1,-1))
price_norm.transform(X_CV['price'].values.reshape(1,-1))
price_norm.transform(X_Test['price'].values.reshape(1,-1))

price_norm_Train = (X_Train['price'].values.reshape(-1,1))
price_norm_CV = (X_CV['price'].values.reshape(-1,1))
price_norm_Test = (X_Test['price'].values.reshape(-1,1))

print("Shape of price_norm_Train matrix after one hot encodig ",price_norm_Train.shape)
print("Shape of price_norm_CV matrix after one hot encodig ",price_norm_CV.shape)
print("Shape of price_norm_Test matrix after one hot encodig ",price_norm_Test.shape)
```

```
Shape of price_norm_Train matrix after one hot encodig  (61178, 1)
Shape of price_norm_CV matrix after one hot encodig  (15295, 1)
Shape of price_norm_Test matrix after one hot encodig  (32775, 1)
```

teacher_number_of_previously_posted_projects

In [0]:

```python
teacher_prev_post_norm = Normalizer(norm='l2', copy=False)
teacher_prev_post_norm.fit(X_Train['teacher_number_of_previously_posted_projects'].values.reshape(
1,-1))

teacher_prev_post_norm_Train =
teacher_prev_post_norm.transform(X_Train['teacher_number_of_previously_posted_projects'].values.re
shape(1,-1))
teacher_prev_post_norm_CV =
teacher_prev_post_norm.transform(X_CV['teacher_number_of_previously_posted_projects'].values.resha
pe(1,-1))
teacher_prev_post_norm_Test =
teacher_prev_post_norm.transform(X_Test['teacher_number_of_previously_posted_projects'].values.res
hape(1,-1))

teacher_prev_post_norm_Train =
(X_Train['teacher_number_of_previously_posted_projects'].values.reshape(-1,1))
teacher_prev_post_norm_CV = (X_CV['teacher_number_of_previously_posted_projects'].values.reshape(-
1,1))
teacher_prev_post_norm_Test =
(X_Test['teacher_number_of_previously_posted_projects'].values.reshape(-1,1))
print("Shape of teacher_prev_post_norm_Train matrix after one hot encodig
",teacher_prev_post_norm_Train.shape)
print("Shape of teacher_prev_post_norm_CV matrix after one hot encodig ",teacher_prev_post_norm_CV
.shape)
print("Shape of teacher_prev_post_norm_Test matrix after one hot encodig
",teacher_prev_post_norm_Test.shape)
```

```
Shape of teacher_prev_post_norm_Train matrix after one hot encodig  (61178, 1)
Shape of teacher_prev_post_norm_CV matrix after one hot encodig  (15295, 1)
Shape of teacher_prev_post_norm_Test matrix after one hot encodig  (32775, 1)
```

In [0]:

```python
X_Train_Nmr_val=np.concatenate((teacher_prev_post_norm_Train,price_norm_Train),axis=1)
X_CV_Nmr_val=np.concatenate((teacher_prev_post_norm_CV,price_norm_CV),axis=1)
X_Test_Nmr_val=np.concatenate((teacher_prev_post_norm_Test,price_norm_Test),axis=1)


print(X_Train_Nmr_val.shape)
print(X_CV_Nmr_val.shape)
print(X_Test_Nmr_val.shape)
```

```
(61178, 2)
(15295, 2)
(32775, 2)
```

In [0]:

```python
X_Train_HSTK = hstack((categories_one_hot_Train, sub_categories_one_hot_Train, sch_one_hot_Train,p
refix_one_hot_Train,grade_one_hot_train, X_Train_Nmr_val)).todense()
X_CV_HSTK = hstack((categories_one_hot_CV, sub_categories_one_hot_CV,
sch_one_hot_CV,prefix_one_hot_CV,grade_one_hot_CV, X_CV_Nmr_val)).todense()
X_Test_HSTK = hstack((categories_one_hot_Test, sub_categories_one_hot_Test,
sch_one_hot_Test,prefix_one_hot_Test,grade_one_hot_Test, X_Test_Nmr_val)).todense()
print(X_Train_HSTK.shape, Y_Train.shape)
print(X_CV_HSTK.shape, Y_CV.shape)
print(X_Test_HSTK.shape, Y_Test.shape)
```

```
(61178, 101) (61178, 2)
(15295, 101) (15295, 2)
(32775, 101) (32775, 2)
```

```
X_Train_Cat_Num = np.array(X_Train_HSTK).reshape(X_Train_HSTK.shape[0],X_Train_HSTK.shape[1],1)
X_CV_Cat_Num = np.array(X_CV_HSTK).reshape(X_CV_HSTK.shape[0],X_CV_HSTK.shape[1],1)
X_Test_Cat_Num = np.array(X_Test_HSTK).reshape(X_Test_HSTK.shape[0],X_Test_HSTK.shape[1],1)
```

```
X_Train_padded_ess = X_Train_padded_ess_BU
X_CV_padded_ess = X_CV_padded_ess_BU
X_Test_padded_ess = X_Test_padded_ess_BU
```

```
K.clear_session()
```

```
cat_num_train = Input(shape=(X_Train_Cat_Num.shape[1],1), name="cat_num_train")
cat_num_input=Conv1D(256,3, activation='relu',kernel_initializer='he_normal',padding='same')(cat_num_train)
cat_num_input=MaxPooling1D(pool_size=2)(cat_num_input)

cat_num_input=Conv1D(128,3, activation='relu',kernel_initializer='he_normal',padding='same')(cat_num_input)
cat_num_input=MaxPooling1D(pool_size=2)(cat_num_input)

cat_num_input=Conv1D(64,3, activation='relu',kernel_initializer='he_normal',padding='same')(cat_num_input)
cat_num_input=MaxPooling1D(pool_size=2)(cat_num_input)

cat_num_input=Conv1D(32,3, activation='relu',kernel_initializer='he_normal',padding='same')(cat_num_input)
cat_num_input=MaxPooling1D(pool_size=3)(cat_num_input)

cat_num_input=Conv1D(16,3, activation='relu',kernel_initializer='he_normal',padding='same')(cat_num_input)
cat_num_input=MaxPooling1D(pool_size=2)(cat_num_input)

cat_num_input=Conv1D(8,3, activation='relu',kernel_initializer='he_normal',padding='same')(cat_num_input)
cat_num_input=MaxPooling1D(pool_size=2)(cat_num_input)

cat_num_input = Flatten()(cat_num_input)

ess_ip = Input(shape=(max_length,), name = "Essay_Input")
Emb_Layer = Embedding(vocab_size, 300, weights=[embedding_matrix],
input_length=max_length,trainable=False)(ess_ip)

LSTM_Layer=
CuDNNLSTM(128,kernel_initializer='he_normal',kernel_regularizer=l2(0.001),return_sequences=True)(Emb_Layer)
Flat_Layer= Flatten()(LSTM_Layer)
```

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-
packages/keras/backend/tensorflow_backend.py:4267: The name tf.nn.max_pool is deprecated. Please u
se tf.nn.max_pool2d instead.
```

```
tf.keras.layers.concatenate
Part3 = concatenate([Flat_Layer,cat_num_input])
Part3= Dense(128, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Part3)
Part3= Dropout(0.5)(Part3)
Part3= Dense(64, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Part3)
Part3= Dropout(0.5)(Part3)
Part3= Dense(32, activation='relu',kernel_initializer='he_normal',kernel_regularizer=l2(0.001))(Part3)
```

```
Part3= Dropout(0.5)(Part3)
output=Dense(2, activation='softmax')(Part3)
Part3_Model = Model(inputs=[ess_ip,cat_num_train], outputs=output)
```

In [0]:

```
Part3_Model.summary()
```
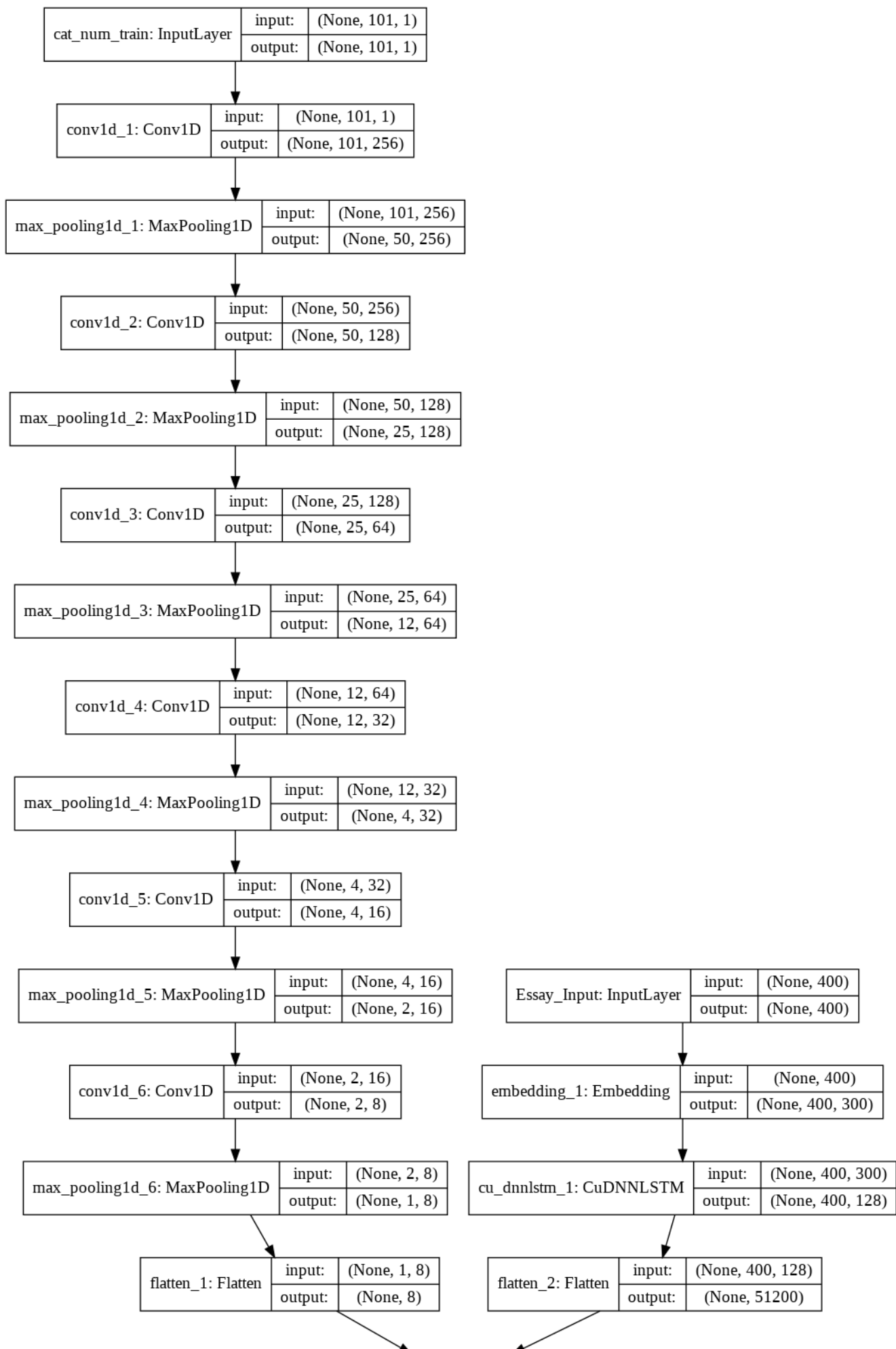
Model: "model_1"
_____
Layer (type)   Output Shape   Param #   Connected to
===
cat_num_train (InputLayer)   (None, 101, 1)   0
_____
conv1d_1 (Conv1D)   (None, 101, 256)   1024   cat_num_train[0][0]
_____
max_pooling1d_1 (MaxPooling1D) (None, 50, 256)   0   conv1d_1[0][0]
_____
conv1d_2 (Conv1D)   (None, 50, 128)   98432   max_pooling1d_1[0][0]
_____
max_pooling1d_2 (MaxPooling1D) (None, 25, 128)   0   conv1d_2[0][0]
_____
conv1d_3 (Conv1D)   (None, 25, 64)   24640   max_pooling1d_2[0][0]
_____
max_pooling1d_3 (MaxPooling1D) (None, 12, 64)   0   conv1d_3[0][0]
_____
conv1d_4 (Conv1D)   (None, 12, 32)   6176   max_pooling1d_3[0][0]
_____
max_pooling1d_4 (MaxPooling1D) (None, 4, 32)   0   conv1d_4[0][0]
_____
conv1d_5 (Conv1D)   (None, 4, 16)   1552   max_pooling1d_4[0][0]
_____
Essay_Input (InputLayer)   (None, 400)   0
_____
max_pooling1d_5 (MaxPooling1D) (None, 2, 16)   0   conv1d_5[0][0]
_____
embedding_1 (Embedding)   (None, 400, 300)   13163700   Essay_Input[0][0]
_____
conv1d_6 (Conv1D)   (None, 2, 8)   392   max_pooling1d_5[0][0]
_____
cu_dnnlstm_1 (CuDNNLSTM)   (None, 400, 128)   220160   embedding_1[0][0]
_____
max_pooling1d_6 (MaxPooling1D) (None, 1, 8)   0   conv1d_6[0][0]
_____
flatten_2 (Flatten)   (None, 51200)   0   cu_dnnlstm_1[0][0]
_____
flatten_1 (Flatten)   (None, 8)   0   max_pooling1d_6[0][0]
_____
concatenate_1 (Concatenate)   (None, 51208)   0   flatten_2[0][0]
                                                                  flatten_1[0][0]
_____
dense_1 (Dense)   (None, 128)   6554752   concatenate_1[0][0]
_____
dropout_1 (Dropout)   (None, 128)   0   dense_1[0][0]
_____
dense_2 (Dense)   (None, 64)   8256   dropout_1[0][0]
_____
dropout_2 (Dropout)   (None, 64)   0   dense_2[0][0]
_____
dense_3 (Dense)   (None, 32)   2080   dropout_2[0][0]
_____
dropout_3 (Dropout)   (None, 32)   0   dense_3[0][0]
_____
dense_4 (Dense)   (None, 2)   66   dropout_3[0][0]
===
Total params: 20,081,230
Trainable params: 6,917,530
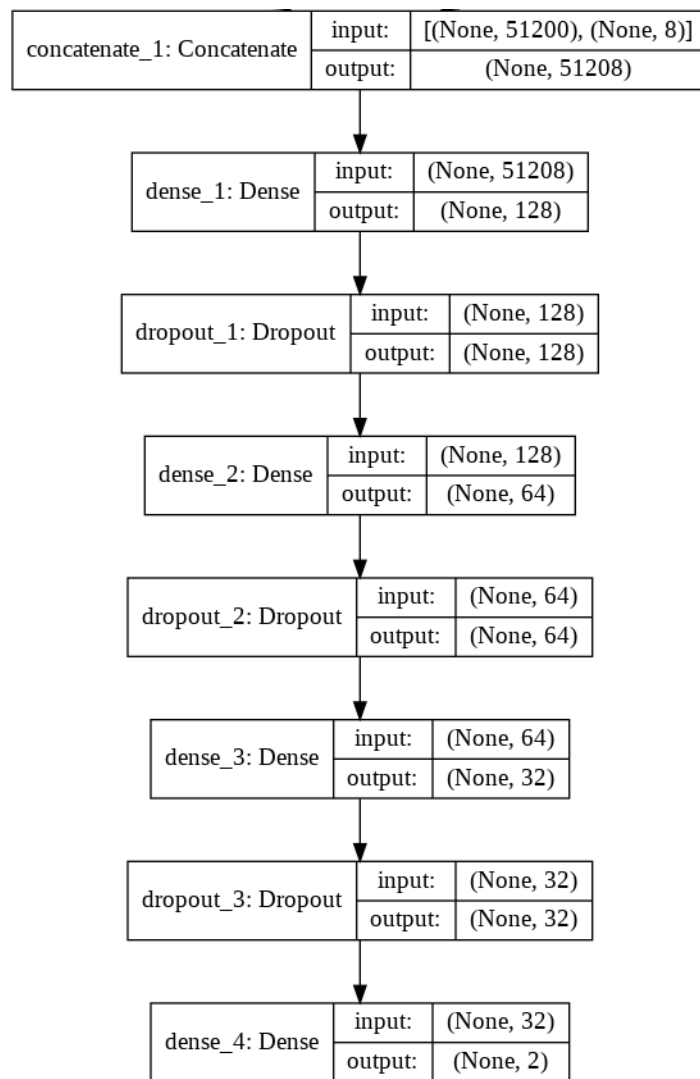Non-trainable params: 13,163,700
_____
```

In [0]:

```
#https://machinelearningmastery.com/visualize-deep-learning-neural-network-model-keras/
plot_model(Part3_Model, to_file='/content/gdrive/My Drive/Colab Notebooks/Part3_Model.png',
```

```
snow_snapes=True, snow_layer_names=True)
```

cat_num_train: InputLayer	input:	(None, 101, 1)
	output:	(None, 101, 1)

conv1d_1: Conv1D	input:	(None, 101, 1)
	output:	(None, 101, 256)

max_pooling1d_1: MaxPooling1D	input:	(None, 101, 256)
	output:	(None, 50, 256)

conv1d_2: Conv1D	input:	(None, 50, 256)
	output:	(None, 50, 128)

max_pooling1d_2: MaxPooling1D	input:	(None, 50, 128)
	output:	(None, 25, 128)

conv1d_3: Conv1D	input:	(None, 25, 128)
	output:	(None, 25, 64)

max_pooling1d_3: MaxPooling1D	input:	(None, 25, 64)
	output:	(None, 12, 64)

conv1d_4: Conv1D	input:	(None, 12, 64)
	output:	(None, 12, 32)

max_pooling1d_4: MaxPooling1D	input:	(None, 12, 32)
	output:	(None, 4, 32)

conv1d_5: Conv1D	input:	(None, 4, 32)
	output:	(None, 4, 16)

max_pooling1d_5: MaxPooling1D	input:	(None, 4, 16)
	output:	(None, 2, 16)

Essay_Input: InputLayer	input:	(None, 400)
	output:	(None, 400)

conv1d_6: Conv1D	input:	(None, 2, 16)
	output:	(None, 2, 8)

embedding_1: Embedding	input:	(None, 400)
	output:	(None, 400, 300)

max_pooling1d_6: MaxPooling1D	input:	(None, 2, 8)
	output:	(None, 1, 8)

cu_dnnlstm_1: CuDNNLSTM	input:	(None, 400, 300)
	output:	(None, 400, 128)

flatten_1: Flatten	input:	(None, 1, 8)
	output:	(None, 8)

flatten_2: Flatten	input:	(None, 400, 128)
	output:	(None, 51200)

concatenate_1: Concatenate	input:	[(None, 51200), (None, 8)]
	output:	(None, 51208)

dense_1: Dense	input:	(None, 51208)
	output:	(None, 128)

dropout_1: Dropout	input:	(None, 128)
	output:	(None, 128)

dense_2: Dense	input:	(None, 128)
	output:	(None, 64)

dropout_2: Dropout	input:	(None, 64)
	output:	(None, 64)

dense_3: Dense	input:	(None, 64)
	output:	(None, 32)

dropout_3: Dropout	input:	(None, 32)
	output:	(None, 32)

dense_4: Dense	input:	(None, 32)
	output:	(None, 2)

In [0]:

```
adam = keras.optimizers.Adam(lr=0.001,beta_1=0.91, beta_2=0.999, epsilon=1e-06)
Part3_Model.compile(optimizer=adam, loss='categorical_crossentropy',metrics=[auroc])

batch_size=300
```

In [0]:

```
#https://github.com/taomanwai/tensorboardcolab/
#https://machinelearningmastery.com/check-point-deep-learning-models-keras/


filepath="epochs:{epoch:03d}-val_acc:{val_auroc:.3f}.hdf5"

checkpoint = ModelCheckpoint(filepath, monitor='val_acc', verbose=1, mode='max')
tbc=TensorBoardColab()
earlystopping = EarlyStopping(monitor='val_loss', patience=2, verbose=1)

reduce_lr = ReduceLROnPlateau(monitor='val_loss', factor=0.2,
                          patience=1, min_lr=0.001,verbose = 1)
callbacks_list = [checkpoint,reduce_lr,TensorBoardColabCallback(tbc),earlystopping]
```

```
Wait for 8 seconds...
TensorBoard link:
https://78d6c376.ngrok.io
```

In [0]:

```
Part3_Model_fit= Part3_Model.fit({'Essay_Input': X_Train_padded_ess,
'cat_num_train':X_Train_Cat_Num},Y_Train,
        epochs=20, batch_size=batch_size,verbose=1, validation_data=({'Essay_Input':
X_CV_padded_ess, 'cat_num_train': X_CV_Cat_Num},Y_CV),callbacks=callbacks_list)
```

```
Train on 61178 samples, validate on 15295 samples
Epoch 1/20
61178/61178 [==============================] - 16s 259us/step - loss: 0.4087 - auroc: 0.7072 - val
_loss: 0.4088 - val_auroc: 0.6976

Epoch 00001: saving model to epochs:001-val_acc:0.698.hdf5
Epoch 2/20
61178/61178 [==============================] - 16s 258us/step - loss: 0.4084 - auroc: 0.7093 - val
_loss: 0.4062 - val_auroc: 0.7048

Epoch 00002: saving model to epochs:002-val_acc:0.705.hdf5
Epoch 3/20
61178/61178 [==============================] - 16s 259us/step - loss: 0.4077 - auroc: 0.7136 - val
_loss: 0.4126 - val_auroc: 0.6948

Epoch 00003: saving model to epochs:003-val_acc:0.695.hdf5

Epoch 00003: ReduceLROnPlateau reducing learning rate to 0.001.
Epoch 4/20
61178/61178 [==============================] - 16s 259us/step - loss: 0.4070 - auroc: 0.7159 - val
_loss: 0.4076 - val_auroc: 0.7067

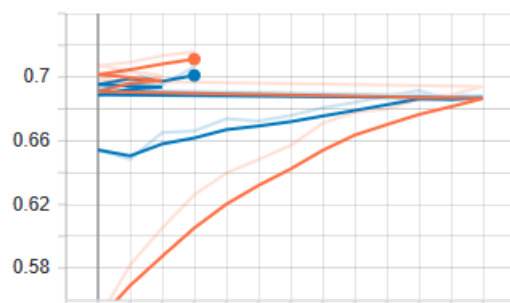Epoch 00004: saving model to epochs:004-val_acc:0.707.hdf5

Epoch 00004: ReduceLROnPlateau reducing learning rate to 0.001.
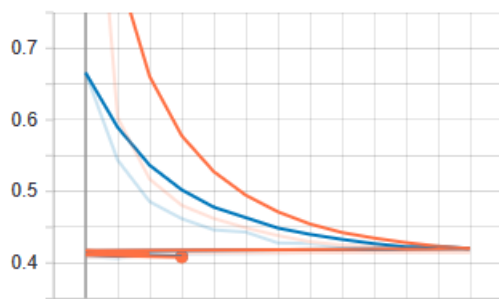Epoch 00004: early stopping
```

Tensorboard Screenshots:

```
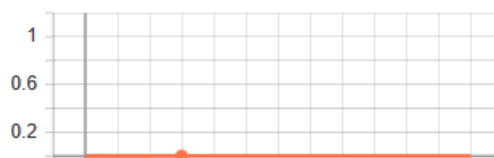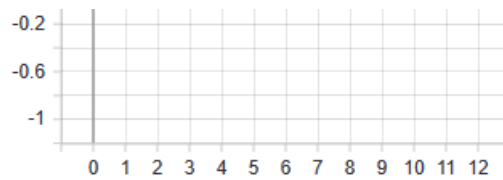#https://stackoverflow.com/posts/54978213/revisions
custom_objects = {"auroc":auroc}
```

```
Part3_Wght = load_model('epochs:004-val_acc:0.707.hdf5',custom_objects=custom_objects)
```

```
Best_Part3 = Part3_Wght.evaluate({'Essay_Input': X_Test_padded_ess, 'cat_num_train':X_Test_Cat_Num
},Y_Test,batch_size=batch_size,verbose=1)
```

```
32775/32775 [==============================] - 3s 106us/step
```

```
print(Best_Part3)
```

```
[0.40770495933580725, 0.7067394331128904]
```

```
print("Test loss = {}".format (Best_Part3[0]))
print("Test auroc = {}".format (Best_Part3[1]))
```

```
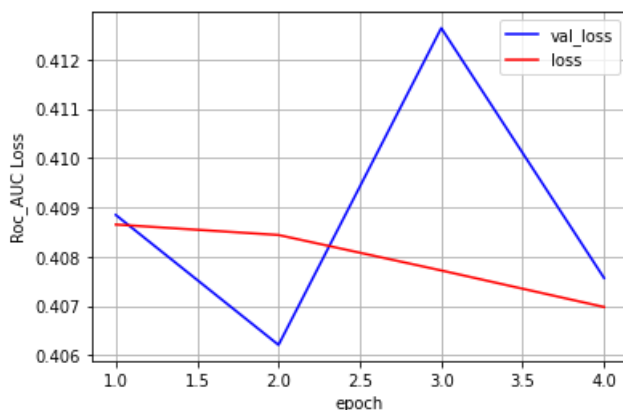Test loss = 0.40770495933580725
Test auroc = 0.7067394331128904
```

```
Part3_Wght.save("/content/gdrive/My Drive/Colab Notebooks/Part3_Wght.hdf5")
```

```
%matplotlib inline
vy = Part3_Model.history.history['val_loss']
ty = Part3_Model.history.history['loss']

x = list(range(1,5))

plt_dynamic(x, vy, ty)
```

Conclusion:

In [0]:

```python
pt = PrettyTable()
pt.field_names= ("S.No","LSTM","AUROC Score")
pt.add_row(["1","PART-1", "0.75"])
pt.add_row(["2","PART-2", "0.72"])
pt.add_row(["3","PART-3", "0.70"])
print(pt)
```

```
+------+--------+-------------+
| S.No |  LSTM  | AUROC Score |
+------+--------+-------------+
|  1   | PART-1 |     0.75    |
|  2   | PART-2 |     0.72    |
|  3   | PART-3 |     0.70    |
+------+--------+-------------+
```

SUMMARY:

The LSTM model with all the data performs better than the one with just the Mid range IDF values or the one using Conv1D layers.