# **Assignment**

#### What does tf-idf mean?

Tf-idf stands for *term frequency-inverse document frequency*, and the tf-idf weight is a weight often used in information retrieval and text mining. This weight is a statistical measure used to evaluate how important a word is to a document in a collection or corpus. The importance increases proportionally to the number of times a word appears in the document but is offset by the frequency of the word in the corpus. Variations of the tf-idf weighting scheme are often used by search engines as a central tool in scoring and ranking a document's relevance given a user query.

One of the simplest ranking functions is computed by summing the tf-idf for each query term; many more sophisticated ranking functions are variants of this simple model.

Tf-idf can be successfully used for stop-words filtering in various subject fields including text summarization and classification.

</font>

#### **How to Compute:**

Typically, the tf-idf weight is composed by two terms: the first computes the normalized Term Frequency (TF), aka. the number of times a word appears in a document, divided by the total number of words in that document; the second term is the Inverse Document Frequency (IDF), computed as the logarithm of the number of the documents in the corpus divided by the number of documents where the specific term appears.

- **TF:** Term Frequency, which measures how frequently a term occurs in a document. Since every document is different in length, it is possible that a term would appear much more times in long documents than shorter ones. Thus, the term frequency is often divided by the document length (aka. the total number of terms in the document) as a way of normalization: \$TF(t) = \frac{\text{normalization:}}{\text{Total number of terms in the document}}.\$
- IDF: Inverse Document Frequency, which measures how important a term is. While computing TF, all terms are considered equally important. However it is known that certain terms, such as "is", "of", and "that", may appear a lot of times but have little importance. Thus we need to weigh down the frequent terms while scale up the rare ones, by computing the following: \$IDF(t) = \log\_{e}\frac{\text{text}Total number of documents}} {\text{text}Total number of documents with term t in it}.\$ for numerical stability we will be changing this formula little bit \$IDF(t) = \log\_{e}\frac{e}\frac{\text{text}Total number of documents}} {\text{text}Total number of documents}} \$\$

#### **Example**

Consider a document containing 100 words wherein the word cat appears 3 times. The term frequency (i.e., tf) for cat is then (3 / 100) = 0.03. Now, assume we have 10 million documents and the word cat appears in one thousand of these. Then, the inverse document frequency (i.e., idf) is calculated as log(10,000,000 / 1,000) = 4. Thus, the Tf-idf weight is the product of these quantities: 0.03 \* 4 = 0.12. log(10,000,000 / 1,000) = 4.

# Task-1

## 1. Build a TFIDF Vectorizer & compare its results with Sklearn:

- As a part of this task you will be implementing TFIDF vectorizer on a collection of text documents.
- You should compare the results of your own implementation of TFIDF vectorizer with that of sklearns implementation TFIDF vectorizer.
- Sklearn does few more tweaks in the implementation of its version of TFIDF vectorizer, so to replicate the exact results you would need to add following things to your custom implementation of tfidf vectorizer:
  - 1. Sklearn has its vocabulary generated from idf sroted in alphabetical order
  - 2. Sklearn formula of idf is different from the standard textbook formula. Here the constant "1" is added to the numerator and denominator of the idf as if an extra document was seen containing every term in the collection exactly once, which prevents zero divisions.  $IDF(t) = 1+\log_{e}\frac{1\text{text}}{1\text{collection}} {1\cdot \text{collection}} {1\cdot \text{collection}} {1\cdot \text{collection}} {1\cdot \text{collection}} {1\cdot \text{collection}}$

- 3. Sklearn applies L2-normalization on its output matrix.
- 4. The final output of sklearn tfidf vectorizer is a sparse matrix.
- Steps to approach this task:
  - 1. You would have to write both fit and transform methods for your custom implementation of tfidf vectorizer.
  - 2. Print out the alphabetically sorted voacb after you fit your data and check if its the same as that of the feature names from sklearn tfidf vectorizer.
  - 3. Print out the idf values from your implementation and check if its the same as that of sklearns tfidf vectorizer idf values.
  - 4. Once you get your voacb and idf values to be same as that of sklearns implementation of tfidf vectorizer, proceed to the below steps.
  - 5. Make sure the output of your implementation is a sparse matrix. Before generating the final output, you need to normalize your sparse matrix using L2 normalization. You can refer to this link https://scikit-learn.org/stable/modules/generated/sklearn.preprocessing.normalize.html
  - 6. After completing the above steps, print the output of your custom implementation and compare it with sklearns implementation of tfidf vectorizer.
  - 7. To check the output of a single document in your collection of documents, you can convert the sparse matrix related only to that document into dense matrix and print it.

**Note-1:** All the necessary outputs of sklearns tfidf vectorizer have been provided as reference in this notebook, you can compare your outputs as mentioned in the above steps, with these outputs.

**Note-2:** The output of your custom implementation and that of sklearns implementation would match only with the collection of document strings provided to you as reference in this notebook. It would not match for strings that contain capital letters or punctuations, etc, because sklearn version of tfidf vectorizer deals with such strings in a different way. To know further details about how sklearn tfidf vectorizer works with such string, you can always refer to its official documentation.

**Note-3:** During this task, it would be helpful for you to debug the code you write with print statements wherever necessary. But when you are finally submitting the assignment, make sure your code is readable and try not to print things which are not part of this task.

## **Corpus**

```
In [1]:
```

```
## SkLearn# Collection of string documents

corpus = [
    'this is the first document',
    'this document is the second document',
    'and this is the third one',
    'is this the first document',
]
```

## **SkLearn Implementation**

print(vectorizer.idf )

```
In [2]:
```

```
from sklearn.feature_extraction.text import TfidfVectorizer
vectorizer = TfidfVectorizer()
vectorizer.fit(corpus)
skl_output = vectorizer.transform(corpus)
```

```
In [3]:
```

```
# sklearn feature names, they are sorted in alphabetic order by default.
print(vectorizer.get_feature_names())

['and', 'document', 'first', 'is', 'one', 'second', 'the', 'third', 'this']

In [4]:
# Here we will print the sklearn tfidf vectorizer idf values after applying the fit method
# After using the fit function on the corpus the vocab has 9 words in it, and each has its idf val
```

```
[1.91629073 1.22314355 1.51082562 1.
                                           1.91629073 1.91629073
1. 1.91629073 1.
In [0]:
# shape of sklearn tfidf vectorizer output after applying transform method.
skl output.shape
Out[0]:
(4, 9)
In [5]:
# sklearn tfidf values for first line of the above corpus.
# Here the output is a sparse matrix
print(skl output[0])
  (0, 8) 0.38408524091481483
  (0, 6) 0.38408524091481483
  (0, 3) 0.38408524091481483
  (0, 2) 0.5802858236844359
  (0, 1) 0.46979138557992045
In [6]:
# sklearn tfidf values for first line of the above corpus.
# To understand the output better, here we are converting the sparse output matrix to dense matrix
and printing it.
# Notice that this output is normalized using L2 normalization. sklearn does this by default.
print(skl_output[0].toarray())
            0.46979139 0.58028582 0.38408524 0.
 0.38408524 0.
                 0.38408524]]
Your custom implementation
In [7]:
# Write your code here.
# Make sure its well documented and readble with appropriate comments.
# Compare your results with the above sklearn tfidf vectorizer
# You are not supposed to use any other library apart from the ones given below
from collections import Counter
from tqdm import tqdm
from scipy.sparse import csr_matrix
import math
import operator
from sklearn.preprocessing import normalize
import numpy
In [35]:
```

```
def docs_word(corpus,word):
    count=0
    for row in corpus:
        if word in row:
            count+=1
    return count

def fit(corpus):
    unique_words=set()
    IDF_list=[]
    if isinstance(corpus,(list,)):
```

```
for row in corpus:
            for word in row.split(" "):
                if len(word) < 2:</pre>
                    continue
                unique words.add(word)
        unique words=sorted(list(unique words))
        for word in unique words:
            x=1+len(corpus)
            y=1+docs_word(corpus,word)
            IDF=1+math.log((x)/(y))
            IDF_list.append(IDF)
        print(IDF list)
        vocab={j:i for i,j in enumerate(unique_words)}
        return vocab
    else:
        print("You need to pass list of sentence")
In [36]:
vocab=fit(corpus)
print(vocab)
[1.916290731874155, 1.2231435513142097, 1.5108256237659907, 1.0, 1.916290731874155,
1.916290731874155, 1.0, 1.916290731874155, 1.0]
{'and': 0, 'document': 1, 'first': 2, 'is': 3, 'one': 4, 'second': 5, 'the': 6, 'third': 7,
'this': 8}
In [46]:
def docs word(corpus, word):
    count=0
    for row in corpus:
       if word in row:
            count+=1
    return count.
def transform(corpus, vocab):
    rows=[]
    columns=[]
    tfidf list=[]
    if isinstance(corpus, (list,)):
        for idx, row in enumerate(tqdm(corpus)):
            word_freq=dict(Counter(row.split()))
            for word, freq in word_freq.items():
```

### In [51]:

if len(word)<2:
 continue</pre>

norm=normalize(csr, axis=1)

return norm

if col\_index!=-1:
 rows.append(idx)

x=1+len(corpus)

print("You need to pass list of strings")

col index=vocab.get(word,-1)

columns.append(col index)

y=1+docs word(corpus,word)

tfidf list.append(tfidf)

tfidf = (freq/len(row.split())) \* (1+math.log((x)/(y)))

csr=csr matrix((tfidf list,(rows, columns)), shape=(len(corpus),len(vocab)))

```
In [52]:
print(tfidf vec)
  (0, 1) 0.4697913855799205
  (0, 2) 0.580285823684436
  (0, 3) 0.3840852409148149
  (0, 6) 0.3840852409148149
  (0, 8) 0.3840852409148149
  (1, 1) 0.6876235979836937
  (1, 3) 0.2810886740337529
  (1, 5) 0.5386476208856762
  (1, 6) 0.2810886740337529
  (1, 8) 0.2810886740337529
  (2, 0) 0.511848512707169
  (2, 3) 0.267103787642168
  (2, 4) 0.511848512707169
  (2, 6) 0.267103787642168
  (2, 7) 0.511848512707169
  (2, 8) 0.267103787642168
  (3, 1) 0.4697913855799205
  (3, 2) 0.580285823684436
  (3, 3) 0.3840852409148149
```

## In [53]:

(3, 6) 0.3840852409148149 (3, 8) 0.3840852409148149

```
print(tfidf_vec[0])

(0, 1) 0.4697913855799205
(0, 2) 0.580285823684436
(0, 3) 0.3840852409148149
(0, 6) 0.3840852409148149
(0, 8) 0.3840852409148149
```

### In [54]:

# On comparing with sklearn output

```
In [55]:
```

# Task-2

## 2. Implement max features functionality:

- As a part of this task you have to modify your fit and transform functions so that your vocab will contain only 50 terms with top idf scores.
- This task is similar to your previous task, just that here your vocabulary is limited to only top 50 features names based on their idf values. Basically your output will have exactly 50 columns and the number of rows will depend on the number of documents you have in your corpus.
- Here you will be give a pickle file, with file namecleaned strings. You would have to load the corpus from this file and use it as

input to your tfidf vectorizer.

- Steps to approach this task:
  - 1. You would have to write both fit and transform methods for your custom implementation of tfidf vectorizer, just like in the previous task. Additionally, here you have to limit the number of features generated to 50 as described above.
  - 2. Now sort your vocab based in descending order of idf values and print out the words in the sorted voacb after you fit your data. Here you should be getting only 50 terms in your vocab. And make sure to print idf values for each term in your vocab.
  - 3. Make sure the output of your implementation is a sparse matrix. Before generating the final output, you need to normalize your sparse matrix using L2 normalization. You can refer to this link https://scikit-learn.org/stable/modules/generated/sklearn.preprocessing.normalize.html
  - 4. Now check the output of a single document in your collection of documents, you can convert the sparse matrix related only to that document into dense matrix and print it. And this dense matrix should contain 1 row and 50 columns.

### In [68]:

```
# Below is the code to load the cleaned_strings pickle file provided
# Here corpus is of list type

import pickle
with open('cleaned_strings', 'rb') as f:
    corpus = pickle.load(f)

# printing the length of the corpus loaded
print("Number of documents in corpus = ",len(corpus))
```

Number of documents in corpus = 746

#### In [0]:

```
# Write your code here.
# Try not to hardcode any values.
# Make sure its well documented and readble with appropriate comments.
```

#### In [69]:

```
def docs_word(corpus,word):
    count=0
    for row in corpus:
       if word in row:
            count.+=1
    return count
def fit(corpus):
    unique words=set()
    IDF list=[]
    if isinstance(corpus,(list,)):
       for row in corpus:
            for word in row.split(" "):
                if len(word) < 2:</pre>
                    continue
                unique words.add(word)
        unique words=sorted(list(unique words))
        for word in unique words:
            x=1+len(corpus)
            y=1+docs word (corpus, word)
            IDF=1+math.log((x)/(y))
            IDF list.append(IDF)
        print(IDF_list)
        vocab={j:i for i, j in enumerate(unique words[:50])}
        return vocab
    else:
        print("You need to pass list of sentence")
```

# In [70]:

```
vocab=fit(corpus)
print(vocab)
```

```
[6.9229180045/28/2, 6.9229180045/28/2, 6.229//082401292/, 6.9229180045/28/2, 5.313480092138//15,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 2.6960842593046923, \ 6.229770824012927, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.9229180145728, \ 6.9229180145728, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.92291801
3.927185731018881,\ 5.218169912334447,\ 6.229770824012927,\ 4.283860674957613,\ 4.671626205966376,
5.670155036077504,\ 6.229770824012927,\ 5.218169912334447,\ 6.922918004572872,\ 6.517452896464707,
5.824305715904762,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
5.824305715904762, 6.517452896464707, 6.922918004572872, 6.922918004572872, 5.3134800921387715,
6.922918004572872,\ 6.922918004572872,\ 4.9770078555175585,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 5.3134800921387715,
6.006627272698717,\ 6.922918004572872,\ 6.006627272698717,\ 4.397189360264616,\ 6.229770824012927,
6.006627272698717,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.536623643452981,
6.922918004572872, 5.670155036077504, 6.006627272698717, 6.517452896464707, 6.517452896464707,
5.824305715904762, 6.922918004572872, 6.922918004572872, 6.922918004572872, 5.824305715904762,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,
5.670155036077504, \ 5.824305715904762, \ 6.922918004572872, \ 6.922918004572872, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476462893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.843476464893037, \ 4.8434764893037, \ 4.8434764893037, \ 4.843476489
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.517452896464707, \ 5.824305715904762, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229
5.824305715904762,\ 6.922918004572872,\ 3.5217206229107165,\ 6.922918004572872,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.517452896464707,
6.006627272698717,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,\ 4.480570969203668,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,\ 5.824305715904762,
6.229770824012927,\ 6.922918004572872,\ 5.670155036077504,\ 6.922918004572872,\ 6.229770824012927,
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.229770824012927,\ 4.9770078555175585,
6.922918004572872,\ 4.725693427236653,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,\ 6.922918004572872,
3.573013917298267,\ 6.517452896464707,\ 5.418840607796598,\ 6.922918004572872,\ 6.922918004572872,
6.006627272698717,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707, 6.922918004572872, 6.006627272698717, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.006627272698717,
6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 5.05111582767128,\ 6.517452896464707,
5.3134800921387715, 6.517452896464707, 6.922918004572872, 5.824305715904762, 6.922918004572872,
6.517452896464707, \ 5.670155036077504, \ 6.006627272698717, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229180045
6.922918004572872,\ 5.218169912334447,\ 5.3134800921387715,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.99912334447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.9991234447,\ 6.9991234447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.9991234447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.99912344447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.9991234447,\ 6.999124447,\ 6.999124447,\ 6.999124447,\ 6.999124447,\ 6.999124447,\ 6.9991244447,\ 6.9991244447,\ 6.999124447,\ 6.9991244447,\ 6.9991244447,\ 6.9991244447,\ 6.9991244447,\ 6
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.229770824012927, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 4.525022731774501,\ 4.782851841076601,
6.517452896464707,\ 6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 5.131158535344817,
6.922918004572872, 6.229770824012927, 6.922918004572872, 6.922918004572872, 5.418840607796598,
6.922918004572872, \ 5.3134800921387715, \ 6.922918004572872, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229180
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872004572872,\ 6.92291800457287200400457280040040040040040040040040040
6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.536623643452981,\ 6.006627272698717,\ 5.3134800921387715,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 5.536623643452981,
6.922918004572872, 6.229770824012927, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.536623643452981,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707, 6.517452896464707, 6.517452896464707, 6.922918004572872, 6.922918004572872,
4.9770078555175585, 6.006627272698717, 6.922918004572872, 4.782851841076601, 6.922918004572872,
5.131158535344817,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.229770824012927,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 4.214867803470662,\ 6.006627272698717,
6.517452896464707, \ 6.922918004572872, \ 5.218169912334447, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291800457
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.517452896464707,
6.229770824012927, \ 6.922918004572872, \ 4.397189360264616, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229
5.3134800921387715, 6.922918004572872, 6.922918004572872, 6.517452896464707, 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.517452896464707,\ 5.418840607796598,\ 5.536623643452981,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 3.7874237886437223, 6.922918004572872, 4.150329282333091,
6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.824305715904762,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,
```

```
6.006627272698717, 6.229770824012927, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.517452896464707,
5.131158535344817,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707,\ 4.725693427236653,\ 6.922918004572872,\ 6.922918004572872,\ 5.3134800921387715,
6.517452896464707, \ 5.824305715904762, \ 6.006627272698717, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229180045
6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 2.406579032291396, 6.922918004572872, 6.922918004572872, 6.922918004572872,
4.480570969203668,\ 6.922918004572872,\ 5.536623643452981,\ 5.824305715904762,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.006627272698717,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,
6.006627272698717, 6.229770824012927, 6.922918004572872, 6.922918004572872, 6.517452896464707,
6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572,
6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, \ 5.536623643452981, \ 6.922918004572872, \ 5.536623643452981, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229180045
6.922918004572872,\ 5.824305715904762,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,
5.670155036077504,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 4.397189360264616,
6.922918004572872, 6.229770824012927, 6.229770824012927, 6.517452896464707, 5.418840607796598,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.517452896464707, 5.824305715904762,
6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572
5.418840607796598, 6.006627272698717, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 5.824305715904762,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 6.006627272698717, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.006627272698717,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 5.131158535344817,\ 6.517452896464707,\ 2.406579032291396,
6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,
6.517452896464707, 6.229770824012927, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.517452896464707, \ 5.218169912334447, \ 6.229770824012927, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912334447, \ 6.918169912349129, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6.918169912349, \ 6
6.922918004572872, \ 5.3134800921387715, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.9229180045728, \ 6.006627272698717, \ 6.9229180045728, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.00662727269871, \ 6.006627269871, \ 6.00662726981, \ 6.00662726981, \ 6.00662726981, \ 6.00662726981, \ 6.00662726981, \ 6.006627269
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.517452896464707, 6.006627272698717, 6.922918004572872, 6.229770824012927, 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.229770824012927,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.51
6.517452896464707, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.517452896464707,
6.517452896464707, 6.922918004572872, 2.681591252002126, 6.922918004572872, 4.908014984030608,
6.922918004572872, \ 5.131158535344817, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.92291800457282, \ 6.92291800457282, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229
5.824305715904762, 6.922918004572872, 6.922918004572872, 4.438011354784871, 6.229770824012927,
5.418840607796598,\ 6.006627272698717,\ 5.131158535344817,\ 6.517452896464707,\ 6.922918004572872,
5.670155036077504,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,
6.922918004572872,\ 4.0325462466767075,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.229770824012927, \ 5.131158535344817, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6
5.670155036077504,\ 6.517452896464707,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
6.006627272698717, 6.517452896464707, 6.922918004572872, 6.922918004572872, 6.922918004572872,
2.0515447778101237, \ 6.229770824012927, \ 5.824305715904762, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291800
6.922918004572872, \ 5.131158535344817, \ 6.229770824012927, \ 5.418840607796598, \ 6.517452896464707, \ 6.229770824012927, \ 6.218840607796598, \ 6.517452896464707, \ 6.218840607796598, \ 6.517452896464707, \ 6.218840607796598, \ 6.517452896464707, \ 6.218840607796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.21884069796598, \ 6.517452896464707, \ 6.2188406979698, \ 6.517452896464707, \ 6.2188406979698, \ 6.517452896464707, \ 6.2188406979698, \ 6.517452896464707, \ 6.2188406998, \ 6.2188406998, \ 6.2188406999, \ 6.218840699, \ 6.218840699, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.21884069, \ 6.218840
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.229770824012927,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 5.824305715904762, 6.922918004572872, 6.922918004572872, 6.229770824012927,
```

```
6.922918004572872, 6.922918004572872, 6.517452896464707, 6.517452896464707, 6.922918004572872,
6.006627272698717,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 1.88921743754562,\ 6.922918004572872,\ 3.505191320959506,
6.922918004572872, \ 5.418840607796598, \ 5.05111582767128, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229180045
6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
4.843476462893037, 6.229770824012927, 5.418840607796598, 6.922918004572872, 5.218169912334447,
5.418840607796598, 6.922918004572872, 6.922918004572872, 6.006627272698717, 5.418840607796598,
6.517452896464707,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
3.854865069439255, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572
5.418840607796598, 6.922918004572872, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 3.9784790254064317,
6.922918004572872, 3.0727704028628136, 4.089704660516656, 6.922918004572872, 5.418840607796598,
5.05111582767128,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.229770824012927,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.843476462893037,\ 4.84
6.517452896464707, \ 6.006627272698717, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 5.536623643452981, 6.922918004572872, 6.922918004572872, 6.922918004572872,
5.418840607796598,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
6.517452896464707, \ 5.418840607796598, \ 6.006627272698717, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 5.670155036077504, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.218169912334447,\ 6.517452896464707,
6.922918004572872, \ 5.824305715904762, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92
6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872004572872,\ 6.92291800457287200400400400400400400400400400400400400
6.517452896464707,\ 6.922918004572872,\ 5.536623643452981,\ 6.922918004572872,\ 5.05111582767128,
6.922918004572872,\ 5.824305715904762,\ 6.229770824012927,\ 6.922918004572872,\ 5.418840607796598,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 5.824305715904762, 6.922918004572872, 6.229770824012927, 6.922918004572872,
6.229770824012927,\ 6.006627272698717,\ 6.229770824012927,\ 5.05111582767128,\ 5.3134800921387715,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 2.369041112972331,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 2.6532205548729104,
6.517452896464707, 6.922918004572872, 6.922918004572872, 6.922918004572872, 4.671626205966376,
5.536623643452981,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 5.131158535344817,
6.922918004572872,\ 5.218169912334447,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 5.824305715904762,\ 6.517452896464707,\ 6.517452896464707,
6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,\ 5.670155036077504,
6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572812, \ 6.922918004572812, \ 6.922918004572812, \ 6.922918004572812, \ 6.92291
6.006627272698717, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291800457
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.517452896464707,\ 6.922918004572872,
6.517452896464707, \ 6.922918004572872, \ 4.671626205966376, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.92291800457282, \ 6.92291800457282, \ 6.92291800457282, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9
5.05111582767128,\ 6.922918004572872,\ 6.922918004572872,\ 5.536623643452981,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
5.670155036077504, 6.517452896464707, 6.922918004572872, 6.517452896464707, 6.006627272698717,
6.922918004572872, 6.229770824012927, 6.922918004572872, 6.229770824012927, 6.229770824012927,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
4.908014984030608, \ 5.418840607796598, \ 6.922918004572872, \ 4.438011354784871, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707, \ 6.5174528964707,
6.922918004572872,\ 5.670155036077504,\ 6.229770824012927,\ 6.922918004572872,\ 5.536623643452981,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 5.824305715904762,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 5.824305715904762,\ 6.006627272698717,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 3.9784790254064317,
5.670155036077504, 6.517452896464707, 6.922918004572872, 6.229770824012927, 6.922918004572872,
6.922918004572872, 6.922918004572872, 5.218169912334447, 6.517452896464707, 6.922918004572872,
6.922918004572872, 4.725693427236653, 6.229770824012927, 5.824305715904762, 6.922918004572872,
6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 3.105205678615967,
6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,\ 5.218169912334447,\ 6.922918004572872,
6.517452896464707, 3.7874237886437223, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 4.908014984030608,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 5.536623643452981,\ 6.922918004572872,\ 6.006627272698717,
5.418840607796598,\ 6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 5.218169912334447,
6.517452896464707, 6.922918004572872, 6.922918004572872, 6.229770824012927, 6.922918004572872,
```

```
6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,\ 5.3134800921387715,
6.517452896464707, 5.824305715904762, 6.922918004572872, 6.922918004572872, 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.517452896464707, 6.922918004572872, 6.922918004572872, 6.006627272698717, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,\ 6.922918004572872,\ 4.908014984030608,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.3134800921387715,\ 5.670155036077504,
5.670155036077504,\ 6.922918004572872,\ 5.824305715904762,\ 5.670155036077504,\ 6.229770824012927,
2.6532205548729104, \ 6.922918004572872, \ 6.922918004572872, \ 5.824305715904762, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572
6.922918004572872,\ 5.670155036077504,\ 6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,
6.006627272698717, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291800
5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.517452896464707,
6.922918004572872,\ 4.908014984030608,\ 5.536623643452981,\ 6.229770824012927,\ 5.824305715904762,
6.006627272698717,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,
6.229770824012927, 6.922918004572872, 6.922918004572872, 5.824305715904762, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 3.0310977064622455,\ 6.517452896464707,\ 6.006627272698717,
6.517452896464707, 6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.229770824012927,
6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872004572872,\ 6.92291800457287200400400400400400400400400400400400400
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
5.824305715904762, 6.922918004572872, 6.922918004572872, 6.229770824012927, 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
5.670155036077504,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,
3.590713494397668,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872, 6.517452896464707, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 5.131158535344817,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.517452896464707,\ 6.51
6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 4.525022731774501,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 5.670155036077504, 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.218169912334447,
6.229770824012927,\ 6.922918004572872,\ 5.218169912334447,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 6.229770824012927, 6.922918004572872, 6.922918004572872, 4.782851841076601,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872004572872,\ 6.92291800457287200400400400400400400400400400400400400
6.922918004572872,\ 2.592184664286541,\ 6.922918004572872,\ 4.843476462893037,\ 6.517452896464707,
5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 5.418840607796598,
6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 5.824305715904762, 6.922918004572872, 6.922918004572872, 5.536623643452981,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
5.536623643452981, 6.229770824012927, 6.922918004572872, 6.922918004572872, 6.517452896464707,
5.536623643452981,\ 6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.006627272698717,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
4.438011354784871,\ 6.517452896464707,\ 6.922918004572872,\ 4.782851841076601,\ 6.517452896464707,
6.922918004572872, \ 5.824305715904762, \ 6.517452896464707, \ 6.922918004572872, \ 5.536623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.66623643452981, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364345291, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662364451, \ 5.6662
4.214867803470662,\ 6.229770824012927,\ 6.922918004572872,\ 4.9770078555175585,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.922918014572872,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180145728,\ 6.9229180
5.05111582767128,\ 6.517452896464707,\ 3.7040421797046714,\ 5.131158535344817,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
4.438011354784871, 6.922918004572872, 5.218169912334447, 6.922918004572872, 6.006627272698717,
5.536623643452981,\ 6.517452896464707,\ 6.922918004572872,\ 4.725693427236653,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,
4.9770078555175585,\ 6.922918004572872,\ 4.283860674957613,\ 6.006627272698717,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.229770824012927070824012927070824012927070824012927070824012927070801292707082401292707080129270708012927070801292707080129270708012927070801
6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 4.9770078555175585,
6.517452896464707, \ 6.006627272698717, \ 4.089704660516656, \ 6.006627272698717, \ 6.229770824012927, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.00662
6.922918004572872,\ 4.182077980647671,\ 5.3134800921387715,\ 6.006627272698717,\ 6.922918004572872,
4.248769355146344, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.517452896464707,\ 4.397189360264616,\ 4.480570969203668,\ 6.922918004572872,\ 5.824305715904762,
6.922918004572872, 6.922918004572872, 4.150329282333091, 6.229770824012927, 6.922918004572872,
```

```
5.418840607796598, 5.670155036077504, 5.824305715904762, 6.922918004572872, 6.922918004572872,
3.6842395524084917, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
4.908014984030608, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.517452896464707, 6.517452896464707, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.922918004572872, \ 5.218169912334447, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.9229180145728, \ 6.9229180145728, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572
6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.131158535344817,\ 5.418840607796598,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,\ 6.517452896464707,\ 6.922918004572872,
5.824305715904762, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,
5.670155036077504,\ 6.517452896464707,\ 5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
4.725693427236653,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 4.908014984030608,\ 6.922918004572872,\ 5.418840607796598,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
6.517452896464707, \ 6.922918004572872, \ 6.229770824012927, \ 6.229770824012927, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229
6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 5.536623643452981,\ 6.922918004572872,\ 6.922918004572872,
4.671626205966376,\ 6.922918004572872,\ 6.922918004572872,\ 5.418840607796598,\ 6.229770824012927,
5.670155036077504,\ 6.922918004572872,\ 5.536623643452981,\ 6.922918004572872,\ 6.922918004572872,
2.390318511419616, 6.922918004572872, 6.229770824012927, 6.517452896464707, 5.218169912334447,
6.229770824012927,\ 6.922918004572872,\ 6.229770824012927,\ 5.670155036077504,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 2.7408678619316658,\ 6.517452896464707,\ 6.922918004572872,
5.824305715904762,\ 6.517452896464707,\ 5.131158535344817,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 4.908014984030608,
6.006627272698717, \ 6.517452896464707, \ 6.517452896464707, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.9991809491999, \ 6.99918094999, \ 6.99918094999, \ 6.99918094999, \ 6.99918094999, \ 6.99918094999, \ 6.999180999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.999180999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.999180999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.9991809999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.9991809999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.9991809999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.9991809999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.99918099, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.99918099, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.9991809999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.99918099, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.9991809999, \ 6.999180999, \ 6.999180999, \ 6.999180999, \ 6.9991809999, \ 6.999180999, \ 6.99918099
6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.229770824012927,\ 6.006627272698717,
5.05111582767128, 6.922918004572872, 4.671626205966376, 6.517452896464707, 6.922918004572872,
4.320228319128488,\ 6.922918004572872,\ 6.006627272698717,\ 3.094276608083777,\ 5.824305715904762,
6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 4.671626205966376,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,\ 6.922918004572872,\ 6.517452896464707,
6.229770824012927,\ 4.089704660516656,\ 5.3134800921387715,\ 6.229770824012927,\ 6.517452896464707,
6.922918004572872,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 4.248769355146344,\ 6.517452896464707,
6.517452896464707,\ 6.922918004572872,\ 4.397189360264616,\ 6.922918004572872,\ 5.418840607796598,
5.824305715904762,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
4.9770078555175585, \ 6.922918004572872, \ 5.218169912334447, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.922918014572872, \ 6.9229180145728, \ 6.9229180145728, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.922918014572, \ 6.92
4.843476462893037, 6.006627272698717, 6.006627272698717, 6.006627272698717, 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
5.824305715904762, 6.517452896464707, 4.908014984030608, 6.006627272698717, 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872, 5.418840607796598,
6.229770824012927,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
4.119557623666337, \ 5.218169912334447, \ 6.229770824012927, \ 6.922918004572872, \ 5.536623643452981, \ 6.92918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.9918094572872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.991809472872, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.9918094728, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \ 6.99180949, \
6.229770824012927, 6.517452896464707, 6.517452896464707, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 4.320228319128488,\ 6.922918004572872,
6.229770824012927,\ 6.229770824012927,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.536623643452981,
6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 5.536623643452981,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.006627272698717,\ 6.229770824012927,
6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.05111582767128,
5.218169912334447,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.229770824012927, \ 6.922918004572872, \ 4.9770078555175585, \ 6.517452896464707, \ 6.922918004572872, \ 4.9770078555175585, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291800457
```

```
6.922918004572872, 5.536623643452981, 5.670155036077504, 6.006627272698717, 6.517452896464707,
6.517452896464707, \ 5.824305715904762, \ 6.229770824012927, \ 6.517452896464707, \ 6.922918004572872, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291
5.670155036077504, 5.824305715904762, 6.922918004572872, 6.922918004572872, 6.922918004572872,
4.480570969203668,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.006627272698717, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.229770824012927,
6.922918004572872, \ 5.3134800921387715, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572
4.150329282333091, 6.922918004572872, 6.922918004572872, 6.229770824012927, 6.229770824012927,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
5.3134800921387715, 5.536623643452981, 6.517452896464707, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.229770824012927,\ 6.922918004572872,
5.05111582767128, 6.229770824012927, 5.670155036077504, 5.536623643452981, 6.517452896464707,
6.922918004572872, \ 5.824305715904762, \ 4.843476462893037, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922
6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,\ 4.089704660516656,\ 5.824305715904762,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 5.824305715904762,
6.517452896464707,\ 4.671626205966376,\ 5.536623643452981,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.670155036077504,
5.824305715904762, 6.229770824012927, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.006627272698717,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.229770824012927,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 4.843476462893037,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 4.525022731774501,\ 6.517452896464707,\ 6.229770824012927,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
5.824305715904762,\ 6.922918004572872,\ 4.782851841076601,\ 6.517452896464707,\ 6.922918004572872,
6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 5.418840607796598, 6.006627272698717, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.517452896464707, \ 6.517452896464707, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.9229180045
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.824305715904762,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.05111582767128,\ 5.051115
6.922918004572872,\ 6.517452896464707,\ 4.283860674957613,\ 6.229770824012927,\ 4.782851841076601,
6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872, 6.517452896464707,
6.922918004572872, \ 5.418840607796598, \ 6.922918004572872, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.92291
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 4.908014984030608,\ 6.922918004572872,
6.922918004572872, 6.229770824012927, 6.922918004572872, 4.620332911578826, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.3134800921387715,\ 6.517452896464707,
6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872, 5.418840607796598,
6.922918004572872, \ 6.922918004572872, \ 3.3965574799567104, \ 5.536623643452981, \ 5.218169912334447, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.6366236434447, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.636623643452981, \ 5.63662364441, \ 5.6366236441, \ 5.6366236441, \ 5.6366236441, \ 5.6366236441, \ 5.636623641, \ 5.6366236441, \ 5.6366236441, \ 5.6366236441, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.636623641, \ 5.63662441, \ 5.63662441, \ 5.6366241, \ 5.63662441, \ 5.63662441, \ 5.6366241, \ 5.6366241, \ 5.6366241, \ 5.6366241, \ 5.6366241, \ 5.6366241, \ 5.6366241, 
6.229770824012927,\ 6.229770824012927,\ 4.480570969203668,\ 6.922918004572872,\ 5.670155036077504,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.229770824012927,
6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,\ 5.418840607796598,\ 5.536623643452981,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 5.536623643452981,
5.05111582767128, 6.922918004572872, 5.418840607796598, 6.229770824012927, 4.397189360264616,
6.229770824012927, 6.922918004572872, 6.922918004572872, 6.922918004572872, 5.418840607796598,
5.536623643452981,\ 6.517452896464707,\ 4.357968647111335,\ 6.229770824012927,\ 5.824305715904762,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,
4.908014984030608,\ 6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 6.229770824012927, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.536623643452981,\ 6.922918004572872,\ 6.922918004572872,
6.006627272698717,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,
6.922918004572872, 6.922918004572872, 6.229770824012927, 6.006627272698717, 6.006627272698717,
```

```
6.517452896464707, 4.357968647111335, 5.536623643452981, 6.006627272698717, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,
4.9770078555175585, 6.922918004572872, 6.922918004572872, 6.006627272698717, 6.922918004572872,
6.006627272698717,\ 6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 4.782851841076601,\ 6.517452896464707,
6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,\ 6.922918004572872,\ 6.006627272698717,
6.517452896464707, \ 6.922918004572872, \ 4.9770078555175585, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.992918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572872, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.999918004572, \ 6.9999180
4.843476462893037,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 5.536623643452981,
5.824305715904762,\ 6.922918004572872,\ 5.824305715904762,\ 6.229770824012927,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.229770824012927, 6.922918004572872,
6.517452896464707, 6.922918004572872, 6.229770824012927, 6.922918004572872, 6.922918004572872,
4.908014984030608, 6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,\ 4.283860674957613,
6.006627272698717,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.9229180045720040,\ 6.922918004572004004004004004004004004004004004004000400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400400040040040040040040040040040040040040040040040040040040040040040004004004004004004004004004004004004004004004004004004004004004000400400400400400400400400400400400400400400400400400400400400400040040040040040040040040040040040040040040040040040040040040040
6.922918004572872, 6.922918004572872, 6.517452896464707, 4.908014984030608, 6.922918004572872,
5.670155036077504,\ 6.922918004572872,\ 4.9770078555175585,\ 6.922918004572872,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 5.670155036077504,
5.824305715904762, 6.229770824012927, 6.922918004572872, 6.922918004572872, 6.517452896464707,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,\ 6.517452896464707,
6.922918004572872,\ 4.9770078555175585,\ 5.418840607796598,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.517452896464707,\ 5.824305715904762,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 5.418840607796598, 6.922918004572872, 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872, \ 5.218169912334447, \ 6.922918004572872, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.229770824012927, \ 6.22977
5.3134800921387715, 5.824305715904762, 6.229770824012927, 6.922918004572872, 5.824305715904762,
6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872, 6.517452896464707, 6.922918004572872, 6.922918004572872, 6.517452896464707,
6.517452896464707, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
5.05111582767128,\ 6.922918004572872,\ 6.922918004572872,\ 4.248769355146344,\ 6.922918004572872,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 5.218169912334447,
6.517452896464707, \ 6.006627272698717, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 2.4570098859182883, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572
6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 3.7242448870221905,\ 5.05111582767128,
4.571542747409394, \ 6.229770824012927, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.9229180045, \ 6.92291
4.283860674957613, 4.908014984030608, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 6.922918004572872,
5.670155036077504,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,
3.6457732715806954, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 5.418840607796598, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.006627272698717, \ 5.536623643452981, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572,
5.536623643452981,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 5.3134800921387715,
6.922918004572872,\ 5.824305715904762,\ 6.922918004572872,\ 5.05111582767128,\ 5.05111582767128,
5.824305715904762,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.006627272698717,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.006627272698717,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,
6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 6.006627272698717,\ 5.418840607796598,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 4.843476462893037,\ 6.006627272698717,\ 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 5.3134800921387715, 6.517452896464707,
6.517452896464707, \ 5.536623643452981, \ 6.517452896464707, \ 6.922918004572872, \ 6.229770824012927, \ 6.517452896464707, \ 6.922918004572872, \ 6.229770824012927, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572, \ 6.922918004572
6.922918004572872, \ 5.218169912334447, \ 6.922918004572872, \ 6.006627272698717, \ 6.517452896464707, \ 6.922918004572872, \ 6.006627272698717, \ 6.517452896464707, \ 6.922918004572872, \ 6.006627272698717, \ 6.517452896464707, \ 6.922918004572872, \ 6.006627272698717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180949717, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229180917, \ 6.9229
3.6842395524084917, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872,
3.9784790254064317, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.006627272698717,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.517452896464707,\ 6.922918004572872,
5.218169912334447,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,\ 5.824305715904762,
6.006627272698717,\ 6.517452896464707,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
```

```
6.922918004572872, 6.517452896464707, 6.922918004572872, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.006627272698717, 6.922918004572872, 6.922918004572872, 2.7640349212132, 4.182077980647671,
5.3134800921387715, 6.922918004572872, 5.824305715904762, 6.229770824012927, 6.922918004572872,
6.006627272698717, \ 5.824305715904762, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.922918004572872, \ 6.006627272698717, \ 6.9229180045728, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.922918004572, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 6.006627272698717, \ 
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.517452896464707, 6.922918004572872,
6.922918004572872,\ 6.517452896464707,\ 5.05111582767128,\ 6.006627272698717,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 5.824305715904762,\ 6.517452896464707,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,
6.922918004572872,\ 6.517452896464707,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.517452896464707,
6.517452896464707, \ 5.218169912334447, \ 6.517452896464707, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.922918004572872, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6.9229180045728, \ 6
4.671626205966376, 6.517452896464707, 6.517452896464707, 6.922918004572872, 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 4.671626205966376,\ 5.824305715904762,
6.922918004572872, 6.922918004572872, 3.9024931184285094, 6.229770824012927, 5.418840607796598, 4.671626205966376, 6.517452896464707, 6.517452896464707, 6.517452896464707, 6.922918004572872,
4.0325462466767075, 6.922918004572872, 6.922918004572872, 5.670155036077504, 6.517452896464707,
6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 4.060717123643403,\ 6.922918004572872,
6.922918004572872,\ 5.670155036077504,\ 6.229770824012927,\ 6.922918004572872,\ 6.229770824012927,
6.922918004572872,\ 6.517452896464707,\ 5.3134800921387715,\ 6.922918004572872,\ 6.922918004572872,
5.418840607796598,\ 6.517452896464707,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,
6.922918004572872,\ 6.006627272698717,\ 6.922918004572872,\ 6.517452896464707,\ 6.922918004572872,
6.229770824012927,\ 4.438011354784871,\ 6.922918004572872,\ 4.525022731774501,\ 6.229770824012927,\ 4.638011354784871,\ 6.922918004572872,\ 4.525022731774501,\ 6.229770824012927,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.922918004572872,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.9229180045728,\ 6.92291800
6.922918004572872,\ 6.922918004572872,\ 5.824305715904762,\ 6.517452896464707,\ 5.3134800921387715,
6.006627272698717,\ 4.320228319128488,\ 6.922918004572872,\ 6.517452896464707,\ 5.824305715904762,
5.824305715904762, 6.922918004572872, 5.218169912334447, 5.218169912334447, 4.620332911578826,
6.922918004572872,\ 6.922918004572872,\ 6.229770824012927,\ 4.248769355146344,\ 6.922918004572872,
6.922918004572872,\ 4.9770078555175585,\ 5.536623643452981,\ 6.229770824012927,\ 6.922918004572872,
6.922918004572872,\ 6.922918004572872,\ 6.517452896464707,\ 4.843476462893037,\ 5.05111582767128,
6.922918004572872, 5.536623643452981, 5.824305715904762, 5.824305715904762, 6.922918004572872,
6.922918004572872, 6.922918004572872, 6.922918004572872, 6.922918004572872, 6.229770824012927,
6.922918004572872]
 {'aailiyah': 0, 'abandoned': 1, 'ability': 2, 'abroad': 3, 'absolutely': 4, 'abstruse': 5,
 'abysmal': 6, 'academy': 7, 'accents': 8, 'accessible': 9, 'acclaimed': 10, 'accolades': 11,
 'accurate': 12, 'accurately': 13, 'accused': 14, 'achievement': 15, 'achille': 16, 'ackerman': 17,
'act': 18, 'acted': 19, 'acting': 20, 'action': 21, 'actions': 22, 'actor': 23, 'actors': 24, 'act
ress': 25, 'actresses': 26, 'actually': 27, 'adams': 28, 'adaptation': 29, 'add': 30, 'added': 31,
 'addition': 32, 'admins': 33, 'admiration': 34, 'admitted': 35, 'adorable': 36, 'adrift': 37, 'adv
enture': 38, 'advise': 39, 'aerial': 40, 'aesthetically': 41, 'affected': 42, 'affleck': 43, 'afra
id': 44, 'africa': 45, 'afternoon': 46, 'age': 47, 'aged': 48, 'ages': 49}
```

## In [71]:

```
def docs_word(corpus,word):
    count=0
    for row in corpus:
        if word in row:
            count+=1
    return count
def transform(corpus, vocab):
    rows=[]
    columns=[]
    tfidf list=[]
    if isinstance(corpus, (list,)):
        for idx, row in enumerate(tqdm(corpus)):
            word freg=dict(Counter(row.split()))
            for word, freq in word freq.items():
                if len(word) < 2:</pre>
                    continue
                col index=vocab.get(word,-1)
                if col index!=-1:
                     rows.append(idx)
                    columns.append(col index)
                    x=1+len(corpus)
                    y=1+docs word (corpus, word)
                    tfidf=(freq/len(row.split()))*(1+math.log((x)/(y)))
```

```
tfidf_list.append(tfidf)
        csr=csr matrix((tfidf list,(rows, columns)), shape=(len(corpus),len(vocab)))
        return csr
    else:
        print("You need to pass list of strings")
In [72]:
tfidf vec=transform(corpus, vocab)
print(tfidf vec)
100%|
[00:00<00:00, 23878.01it/s]
  (2, 20) 0.206693985843099
  (10, 36) 2.002209090899572
  (15, 20) 0.49089821637736014
  (17, 20) 0.2805132665013486
  (19, 4) 0.012103599298721575
  (19, 23) 0.009758224772113014
  (19, 24) 0.010641517553454159
  (19, 27) 0.011886491827641107
  (19, 32) 0.014190821922580697
  (26, 19) 1.0382951373354876
  (28, 27) 0.47437908293949516
  (36, 24) 0.9343252411932753
  (41, 20) 0.6545309551698135
  (49, 20) 0.2618123820679254
  (56, 14) 0.5013425304972852
  (60, 44) 0.6517452896464708
  (62, 39) 1.3034905792929417
  (65, 23) 0.47598451943973474
  (68, 43) 0.38460655580960396
  (72, 24) 0.9343252411932753
  (86, 20) 0.9817964327547203
  (104, 24) 0.22245839076030363
  (134, 4) 0.050127170680554445
  (134, 24) 0.04407194533930543
  (134, 47) 0.039762903806327
  : :
  (644, 17) 0.016803199040225415
  (644, 18) 0.006543893833263816
  (644, 20) 0.03812801680600855
  (644, 23) 0.010397720084848575
  (644, 24) 0.011338898558170815
  (644, 49) 0.015120802970905161
  (649, 20) 0.5610265330026972
  (658, 20) 0.3927185731018881
  (660, 4) 0.759068584591253
  (667, 41) 0.5325321541979132
  (669, 20) 0.6545309551698135
  (673, 23) 0.6119800964225162
  (688, 27) 0.8696949853890744
  (697, 12) 0.724161432940523
  (706, 2) 1.0382951373354876
  (706, 20) 0.6545309551698135
  (707, 24) 0.46716262059663766
  (710, 47) 0.42148678034706627
  (712, 27) 0.7454528446192066
  (718, 18) 0.29956491770052135
  (722, 20) 0.436353970113209
  (722, 31) 0.7692131116192079
  (725, 19) 1.2459541648025854
  (726, 26) 0.6921967582236584
  (738, 25) 1.417538759019376
In [73]:
tfidf vec.shape
Out[73]:
```

(746, 50)			
In [ ]:			