

# Imageability Ratings

column variables and their descriptions

item = the item that was rated

rt = mean reaction time

sd\_rt = the standard deviation for the reaction times

num = the number of participants ratings used to compute the statistics for the item

rating = mean imageability rating

sd\_rating = the standard deviation for the imageability ratings

toglia = Toglia & Battig (1978) ratings

item	rt	sd_rt	num	rating	sd_rating	toglia
ace	1363	654	29	4.5	2.7	
ache	1439.7	640.3	30	3.8	2.3	
act	1388.6	787.7	31	3.5	2.3	4.31
ad	1237.3	812.4	28	4.1	2.6	
add	1287.3	606.3	30	3.3	2.2	
aft	1228.9	678.3	31	1.6	1.4	
age	1354.9	726.2	30	3.4	2.3	4.38
aid	1507.5	1447.6	31	3.5	2.4	4.07
aide	1626.3	874.1	29	2.5	1.8	
ail	1357.5	1068.3	31	1.9	1.5	3.85
aim	1386.4	674.8	30	3.9	2.3	3.77
air	1585.6	1137.9	30	4	2.5	4.62
aisle	1606.9	957	29	5.3	2	5.22
ale	1304	629.3	30	4	2.7	5.20
all	1375.8	1249.4	31	2.3	1.9	3.26
alms	1630.7	1190	29	2.3	1.9	
alp	1622.5	877.4	30	2.7	2.1	
am	1186.9	680	30	1.8	1.6	
an	1160.8	785.4	30	1.2	0.6	
and	1241.9	830.9	31	1.3	0.7	2.36
ant	1043.4	489.1	31	6.7	1.2	6.07
ape	1003.7	399.1	30	6.8	0.7	6.10
apse	1473.9	927.1	28	1.3	0.6	
apt	1355.7	1091.7	30	1.9	1.8	2.89
arc	1509.7	665.5	29	5	2.4	4.88
arch	1325.3	670.3	30	5.1	2.1	5.37
are	1200	530.4	29	1.3	0.8	2.56
ark	1154.4	527.4	31	5.7	2.1	
arm	1109.7	547.7	31	6.8	0.7	5.61
art	1248.1	644.8	30	4.6	2.5	4.87
arts	1590.4	1002.3	31	4	2.4	
as	1248.8	924.4	31	1.4	1	
ash	1336.1	754.4	31	5.7	2	5.62
ask	1393.9	832.2	30	2.7	1.8	
ass	1385.9	590.6	30	6	2	
at	1235.6	694.4	31	1.4	1.2	
ate	1486.8	741.5	30	3.9	2.1	3.58
aunt	1180.2	500.7	31	6.2	1.6	
awe	1233.2	551.3	31	2.3	2	
ax	856.8	298	29	6.2	1.8	

axe	950.3	326.3	31	6.3	1.8	
aye	1234	543.6	31	1.7	1.3	
babe	1221	622.1	29	5.7	2	
back	1612	1226.6	29	5	2.2	4.87
bad	1311.1	835.1	31	2.4	1.8	4.13
badge	1280.1	740.5	30	5.9	1.6	5.13
bag	1008.2	392.1	30	6.4	1.4	
bail	1683.4	1333.2	29	3.9	2.2	4.74
bait	1280.9	729.6	31	5.6	2	
bake	1654.2	843.4	30	5.1	2.1	
bald	1367.5	828.1	30	6.2	1.3	
bale	1395.6	820.2	27	3.4	2.3	4.67
balk	1479.4	1002.3	31	1.8	1.5	
ball	933.7	287.2	30	6.6	1.2	6.25
balm	1511.6	710.1	30	4.3	2.2	
ban	1391.3	794.6	30	2.9	2	
band	1107.1	700.7	30	6	1.8	5.44
bane	1114.1	500.4	30	2.1	1.7	
bang	1333.6	725	31	3.7	2.2	4.64
bank	1103.6	627.2	30	6.1	1.7	5.54
bar	1294.5	827.3	30	6.1	1.7	5.80
barb	1871.4	1055.6	31	4.3	2.6	
bare	1629.8	1174	31	3.9	2.3	4.81
barge	1399.5	781.3	28	5.7	2.1	
bark	1375.8	807.8	30	5	2.2	5.33
barn	965.5	519.2	30	6.9	0.5	
base	1668.8	1089.5	29	4.4	2.5	4.34
bash	1477.1	683.4	31	3.2	2.2	
bask	1724.5	1304	31	2.6	1.7	
bass	1325.3	620.8	31	5.7	2	
baste	1651	1175.1	30	3.5	2.3	
bat	1182.3	622.5	31	6.2	1.7	5.80
batch	1814.7	1392.6	30	3.8	2.3	
bath	1175	508.1	31	6	1.6	6.18
bathe	1399.1	600.7	30	4.5	2.4	
bawl	1538.1	757.2	30	3.6	2.3	
bay	1347.9	648.3	31	5.2	2.3	
be	1170.9	676.3	30	1.3	0.6	
beach	1006.4	392.4	31	6.5	1.4	6.61
bead	1710.5	1151.3	29	6	1.8	
beak	1382.6	819.5	30	5.2	2.4	5.68
beam	1524.5	735.4	29	4.6	2.4	5.02
bean	1067.3	438	29	6.6	0.9	5.32
bear	1108.1	588.9	29	6.7	1	5.60
beard	1317.5	887.2	30	6.3	1.7	6.24
beast	1353.3	645	30	5.6	1.9	
beat	1307.6	648.5	29	3.4	2.3	4.00
beau	1417.5	778.2	30	3.1	2.2	
beck	1783.4	1298.3	31	2	1.8	
bed	999.8	558.2	30	6.6	1.2	6.23
bee	991.3	341.7	31	6.9	0.5	6.17

beech	2069.7	1149.2	29	3.4	2.2	
beef	969.2	313.9	28	6.5	1.4	6.19
been	1697	1157.2	30	1.9	1.8	2.16
beer	1115.1	1009.3	31	6.1	1.8	5.92
beet	1400.1	775.9	28	4.8	2.7	5.49
beg	1365.2	666.2	29	3.7	2.2	4.25
beige	1693.5	682.5	30	5.3	2	
belch	1407.6	737.7	30	4.6	2.2	
bell	1055.4	549.3	31	6.6	1	6.04
belle	1582	1032.7	29	3.9	2.6	
belt	1194.8	873	29	6.5	1.3	4.88
bench	972.6	360.5	30	6.5	1	
bend	1454.3	715.3	30	3.9	2.2	
bent	1232.5	541.1	30	4.7	2	
berth	1436.8	1130.5	31	2	1.5	
best	1408.8	714.1	29	2.7	1.9	3.36
bet	1453.3	899.5	28	3.1	2	
bib	1112.3	386	29	5.9	2	4.82
bid	1362.8	725.9	30	3.4	2.6	
bide	1707.2	1069.5	30	1.6	1.1	
big	1375.5	785.6	28	4.5	2.4	
bike	1042	485	31	6.8	0.7	
bile	1184.5	462.7	29	3.6	2.3	
bilge	1458.3	909.4	31	1.7	0.9	
bill	1293.2	497	28	5.4	2.2	5.61
bin	1752	1010.6	31	5.1	2.1	
bind	1620.7	1026	28	3.1	2.2	
binge	1256.6	483.7	29	2.9	2	
birch	1507.6	878	30	4.1	2.3	5.55
bird	1103.6	629.3	31	6.4	1.5	6.14
birth	1456.8	809.1	31	5.1	2.1	5.17
bit	1545.3	1258.4	31	3.6	2.3	4.26
bitch	1514.5	812.8	27	5.4	2.2	
bite	1363.5	1013.5	30	5.2	1.9	
blab	1480.8	770.3	31	2.9	2.2	
black	1271.3	526	29	6.4	1.4	5.90
blade	1254.2	1000.6	31	5.8	1.8	5.70
blah	1352.1	777.7	30	2.2	1.8	
blame	1302.3	758	30	2.7	1.9	
blanch	1772.9	1253.9	31	2.9	2.3	
bland	1754.1	1020.5	30	2.3	1.6	3.42
blank	1960.6	1388.8	29	3.7	2.3	
blare	1268	666.6	31	2.9	2.1	
blast	1562.6	877.1	27	4.8	2.1	
blaze	1596.1	930.9	31	4.9	2.3	
bleach	1416.3	870	30	5.7	1.8	
bleak	1557.4	981.6	31	2.8	1.8	4.29
bleat	1319.3	850.1	27	2.1	1.7	
bled	1618.8	882.5	30	4.1	2.4	
bleed	1381.9	649.3	30	5.7	1.5	
blend	1771.8	953.5	29	4.2	2.1	

bless	1523.3	887.2	30	2.9	1.7	
blew	1405.3	681.7	31	3.9	2.3	3.98
blight	1526.3	723.6	27	2.2	1.6	
blimp	1306.1	512	31	5.6	1.9	
blind	1940	1101	28	4.4	2.3	4.79
blinds	1223.9	547.9	29	5.7	2.2	
blink	1178.2	756.4	30	5.5	1.9	
bliss	1425.1	741.4	29	3.1	2.1	
blithe	1437.9	796.1	31	1.6	1	
blitz	1528.3	945.5	30	3.4	2.4	
bloat	1278	556.4	28	3.7	2.2	
blob	1557.9	1034	31	4.4	2.2	
block	1578.6	889	29	5.7	1.8	
bloke	1619	1166	31	2.4	1.8	
blonde	1013	430	31	6.3	1.4	
blood	1088	610.9	30	6.4	1.4	5.67
bloom	1320.3	684.4	28	5	2.2	
blot	1346.2	830.2	31	4	2.4	
blotch	1333.5	637.7	31	4.2	2.2	
blouse	1173.9	487.6	31	6.4	1.4	5.89
blow	1488.8	929.2	31	4.2	2.2	4.52
blown	1665.5	1026.8	30	3.4	1.9	
blue	1198.3	638.4	30	6.1	2	5.66
bluff	1437	916.2	30	3.7	2.3	
blunt	1743.6	1181.3	29	4.3	2.5	
blur	1547.7	847.3	29	4.1	2.1	
blurt	1323.4	707.3	31	2.7	1.9	
blush	1602.9	1222.4	31	5.2	2.2	5.59
boar	1624.7	1026	31	4.6	2.7	5.18
board	1409.4	1020.9	31	5.8	1.9	5.98
boast	1540.8	986.1	29	2.8	1.8	
boat	906.1	325	31	6.7	1	6.25
bob	1500.7	901.5	28	3.5	2.7	
bode	1220.8	911.3	31	2	1.6	
bog	1450.4	715.9	30	2.9	2	
boil	1395.7	949.1	30	5.5	1.7	5.27
bold	1724.6	1226.9	29	2.9	2	
bolt	1490.4	839.8	31	5.6	1.9	5.88
bomb	1263.9	974.9	30	6.4	1.5	6.00
bond	1534.3	932.7	31	4	2.4	
bone	1091.7	557.3	29	6.4	1.4	5.61
book	1272.2	651.3	30	6.3	1.7	5.60
boom	1634.2	1012.6	27	3.8	2.4	
boon	1418.6	760.1	29	2	1.8	
boost	1521.5	857.1	31	2.9	2	
boot	1042	503.1	30	6.9	0.5	5.73
booth	1122.2	499.2	29	5.6	2.2	5.28
booze	1395.1	780.9	30	5.9	1.7	
bore	1605.1	1004.7	31	2.5	2	3.98
bored	1364.9	826.7	29	3.6	2.5	
borne	1869.7	1246.2	28	2.4	1.6	3.40

bosh	1165.7	597.7	29	1.8	1.3	
boss	1277.1	682.5	30	5.1	2.4	
botch	1711.5	1019.7	28	2.4	1.7	
both	1559.3	1000.4	30	2.3	1.5	3.07
bough	1498	1135.9	31	2	1.7	
bought	1348.4	1077.2	28	3.2	2.5	
bounce	1272.1	512.2	31	4.7	2	
bound	1286.4	529.2	27	3.3	2.1	
bout	1351.7	884.8	30	1.8	1.6	
bowl	1577.2	1299.2	31	6.3	1.7	5.66
box	1138	564.4	31	6.7	0.6	6.00
boy	1201.6	742	31	6.2	1.6	6.11
bra	1047.4	532.9	30	6.6	1.2	
brace	1579.8	957.5	31	4.8	2.1	
brag	1526.9	1026.5	28	3.1	2.3	
braid	1249.3	593.7	31	5.9	2	
brain	1092.8	584.7	31	6.4	1.5	5.63
braise	1396.1	747	29	2	1.5	
brake	1134.3	592	31	5.3	2.3	5.05
bran	1489.8	908.7	30	3.2	2.4	
branch	1223.1	719.6	30	6	1.8	
brand	1400.4	678.7	30	3.9	2.3	
brash	1186.4	648.5	30	2.3	1.9	
brass	1242.9	520.8	31	5.8	1.8	5.09
brat	1611.4	1042.3	28	5	2.2	5.30
brave	1454.7	909.9	31	3.3	2.1	4.19
brawl	1529.2	907.8	31	4.1	2.1	5.10
braze	1763.6	1064.2	28	2.3	1.6	
breach	1498.9	944.8	28	3.3	2.2	
bread	941	511.8	31	6.2	1.8	6.38
breadth	1683.5	816.5	30	1.8	1.1	
break	1719.5	855.3	30	4.5	2.3	4.10
breast	1193.5	481.8	31	6.7	0.9	5.52
breath	1322.4	658.7	30	5	2.2	5.00
breathe	1382.8	778.1	31	3.8	2.4	
bred	1725.5	875.8	30	3.1	2.2	3.81
breech	1809	1007.2	27	2.8	2	
breed	1559.1	690	29	3.9	2.4	
breeze	1402.8	667.1	30	4.4	2.2	
brew	1408.6	667.9	28	4.6	2.3	
bribe	1654.9	942.1	30	3.7	2.1	4.19
brick	1053.4	737.7	29	6.6	1.1	5.69
bride	1089.9	649.7	29	6.4	1.7	
bridge	1229.9	758.7	31	6.7	1	
brief	1397.6	910.5	31	2.5	1.9	3.38
brig	1839.4	1155	30	2.2	1.8	
bright	1696	941.2	29	4.4	2.2	4.98
brim	1557.8	918.4	28	3.8	2.5	
bring	1418.5	887.6	29	2.6	1.9	
brink	1539.6	879.3	30	3.1	2.2	
brisk	1822	1000.1	30	2.6	1.7	

broach	1498.1	934	31	4	2.5	
broad	1613.5	1032.5	30	3.3	2.3	4.57
broil	1650.7	1284.4	30	4.3	2.1	5.09
broke	1404.3	825	28	3.7	2.3	4.79
bronze	1425.5	899.4	29	5.6	1.9	
brooch	1535.7	1134.5	30	3.3	2.3	
brood	1528.4	947	28	3.2	1.9	
brook	1268.8	569.3	30	5.8	1.6	
broom	1142.5	655.7	30	6.6	1.5	6.02
broth	1325.5	806	31	4.5	2.5	
brought	1306.7	754.1	31	2.1	1.8	
brow	1557.8	901.6	30	4.8	2.2	
brown	1145.8	662.2	31	5.8	2	
browse	1424.9	960.2	28	3.6	2.3	
bruise	1234.5	570.8	30	6.3	1.3	
brunch	1348.3	727.7	30	3.8	2.3	
brunt	1574.5	1100.4	30	2.1	1.8	
brush	1239.8	653.2	29	6.2	1.6	5.50
brute	1460.7	777.1	29	4	2.4	4.46
buck	1325.5	660.8	29	5.9	1.8	
bud	1571.3	1041.1	31	4.9	2.4	4.48
budge	1598.5	885.3	30	3.1	2.3	
buff	1335.5	689.1	31	4	2.2	
bug	1209.4	730.3	30	6.7	0.8	
build	1643.7	1031.9	30	3.8	2.2	3.93
built	1431.3	979.6	28	3.4	2.3	
bulb	1502.9	1462.2	31	6.6	1.2	
bulge	1470.8	932	29	4.8	2.1	
bulk	1744.9	1053.7	29	3.5	2.4	
bull	1004.3	397.4	30	6.2	1.9	
bum	1650	993	30	5	1.9	
bump	1382.8	887.4	30	4.9	2.4	4.70
bun	1112.4	431.6	31	6	1.8	
bunch	1601.6	1100.8	30	4	2.1	4.67
bunk	1513.4	898.1	29	4.8	2.4	
bunt	1546.5	904.8	29	3.8	2.6	
burl	1614.1	998.6	29	1.8	1.8	
burn	1355.2	800.2	31	4.7	2.2	4.95
burp	1197.5	481	31	4.7	2.2	
burr	1535.3	841.2	31	4.4	2.2	
burst	1246.6	611	31	3.5	2.3	
bus	1084	689	31	6.8	0.5	
bush	1396.2	721.7	31	6.3	1.5	5.10
buss	1864.5	889.6	24	2.2	1.7	
bust	1595.1	715	30	4.6	2	
but	1709.2	1394.9	31	1.9	1.7	1.91
butch	1781.5	1162.7	31	4.5	2.2	
butt	1272.8	733.7	31	6.3	1.5	
buy	1419.1	759	29	3.6	2.1	3.91
buzz	1637.8	1094.2	30	4	2.1	
by	1273.9	919.6	31	1.6	1.5	2.43

bye	1439.9	800.4	30	2.9	2.3	
cab	1154.1	576.7	30	6.7	1.2	
cache	1321.3	701.7	31	2.6	2.2	
cage	1129.5	556.9	30	6.4	1.3	6.07
cake	1104.9	595.1	31	6.8	0.7	6.23
calf	1161.5	636.1	30	6.5	1.4	5.59
call	1418.3	803.9	30	4.4	2.3	4.44
calm	1349.7	762.3	27	2.8	2.1	4.60
calve	1471.7	648.9	28	5.2	2.4	
cam	1720.8	847.2	27	2.6	2	
came	1242.8	462.6	31	2.4	2	2.82
camp	1288.8	854.6	31	6.4	1.3	5.51
can	1445.6	783.2	29	5.1	2.6	3.47
cane	1171.2	649	31	6.4	1.6	
cap	1217.2	664.9	31	6.2	1.8	
cape	1140.1	526.7	30	6.2	1.5	5.60
car	984.8	350.4	31	6.9	0.8	6.22
card	1334.7	645.5	28	6.4	1.4	5.72
care	1272.5	596.9	31	3.1	2.3	3.77
carp	1628.9	911.7	30	4.6	2.5	
cart	1131.8	551.3	30	6	1.9	
carve	1259.4	607.2	28	4.8	2.2	
case	1475	828.9	27	4.5	2.4	4.95
cash	1258.8	415.5	30	6.6	0.8	
cask	1493.8	1051.8	29	2.7	2.1	
cast	1473.3	878.1	31	4.4	2.6	4.77
caste	1957.2	1157.1	27	2.4	1.7	4.17
cat	850.7	302.9	31	6.5	1.6	5.91
catch	1305.2	869.9	29	4.4	2.4	
caught	1330.4	656.6	30	3.3	2	3.95
caulk	1260	621	29	3.7	2.6	
cause	1405.9	1003.2	30	1.8	1.1	2.66
cave	1101.2	598.4	30	6.7	0.7	5.95
cease	1489.3	986.9	28	2.7	2	
cell	1500.8	934.7	31	5.8	1.9	5.62
cent	1454.7	793.8	30	5.7	2	5.79
chafe	1555.9	937.3	31	2.5	1.6	
chaff	1498.1	955.8	30	2.2	1.8	
chain	1065.3	577.9	31	6.5	1.3	5.37
chair	1165.6	1185	30	6.5	1.3	5.89
chaise	1571.6	987.7	28	2	1.5	
chalk	1336.3	639.3	31	6.8	0.8	5.95
champ	1260.5	583.8	31	4.6	2.3	
chance	1329.9	734.4	30	2.1	1.7	3.98
change	1525.9	1105.5	30	3.2	2.3	
chant	1302.9	556.2	30	4	2.3	
chap	1704.5	1249.5	31	3.5	2.3	
char	1569.1	794.4	31	3.2	2.1	
chard	1647.6	1270.6	31	2.9	2.1	
charge	1420.9	922.8	29	3.4	2.3	
charm	1548.9	939.5	31	4.5	2.2	4.33

chart	1433.7	782.6	30	5.7	2	5.25
chase	1261.6	581.3	27	4.4	2.2	
chasm	1316.6	613.5	31	2.6	2.1	
chaste	1770	1038.6	30	2.5	2	
chat	1503.4	1019.3	30	4.2	2.3	
cheap	1550.5	1168.9	31	3.1	2.2	
cheat	1842.6	1408.7	29	3.7	2.1	4.51
check	1674.7	976	30	4.9	2.4	
cheek	1172.1	636	31	6.4	1.4	
cheep	1839.5	1054.1	29	2.9	2	
cheer	1736.2	1321	30	4.6	2.3	
cheese	1007.4	337.7	30	6.4	1.4	5.56
chef	1037.1	396.9	31	6.2	1.5	
chess	1083.3	395.1	30	6.3	1.7	
chest	1235	715.7	31	6.1	1.6	5.50
chew	1299.2	730.4	30	4.9	1.9	5.21
chic	1524.6	746.8	29	4	2.5	4.31
chick	1349.3	810.8	29	5.9	1.8	
chide	1500.3	829.6	30	2.1	1.7	
chief	1428.1	1056.1	30	5.9	1.8	5.03
child	1148.9	631.6	31	6.4	1.4	6.17
chill	1406.7	601.4	30	3.7	2.1	
chime	1275.2	606.3	30	5.1	2.2	
chimp	1207.6	694.1	31	6.6	1	
chin	1134.9	401.2	30	6.2	1.6	
chip	1369.8	651.7	31	5.7	2	
chirp	1825.5	1280.9	30	4.2	2.2	
chive	1654.6	911.2	29	4.7	2.5	
chock	1849.8	1057.6	29	1.8	1.1	
choice	1459.4	766.9	30	2.6	1.9	
choir	1336.3	807.6	27	5.5	1.8	
choke	1359.9	580.2	31	5	2	
choose	1383	781.5	28	2.3	1.6	2.93
chop	1508.3	1231.1	30	4.5	2.2	
chord	1515.4	836.6	29	4.6	2.4	
chore	1580.7	1136.3	30	4.2	2.1	
chose	1544	1331.4	30	2.8	2.2	
chow	1613.4	991.6	30	4.3	2.3	
chrome	1269.6	608.7	31	5.9	1.9	
chuck	1882.1	1195.8	30	3.5	2.3	
chug	1423.5	642.2	30	4.1	2.3	
chum	1400.6	851.6	29	3.7	2.3	
chump	1562.5	842.1	31	3.9	2.2	
chunk	1497.3	839.8	30	4.5	2.3	
church	1110.8	434.3	31	6.7	1.2	5.98
churn	1508.5	775.7	27	4.9	2.3	
chute	1892.6	1044.4	30	3.7	2.3	4.61
cinch	1342.5	815.5	29	2.7	1.9	
cite	1509.4	1008	31	2.3	1.6	3.25
clack	1397	966.7	29	2	1.3	
clad	1751.9	1192.3	30	2.1	1.7	



claim	1638.3	1254.6	30	2.6	2	
clam	1472.8	870.3	31	6	1.8	5.35
clamp	1406.7	773.5	30	4.6	2.5	
clan	1576.8	1255.3	29	4.9	2.1	
clang	1421.9	695	31	3	2.1	4.39
clank	1482.6	1080.7	31	3	1.9	
clap	1202.6	588.5	29	5.6	1.7	
clash	1456.2	953.4	29	3.8	2.2	
clasp	1765.3	1460.3	28	4.1	2.3	
class	1522.9	1142.2	30	5.6	1.9	
clause	1823.3	1127.2	30	2.4	1.9	
claw	1306.9	607.6	30	6	1.8	
clay	1283.6	750.1	30	6.1	1.4	
clean	1329.6	654.6	29	4.5	2.1	4.34
cleanse	1511.8	866.9	27	4	2.1	
clear	1796.1	1261.2	31	3.6	2.4	4.55
cleat	1602	1241.6	31	3.9	2.6	
cleave	1523.8	635	29	2.5	2	
clef	1532.3	1151.1	30	2.9	2.2	
cleft	1496.6	750.9	31	3.9	2.4	
clench	1512.5	743.9	31	3.4	1.8	
clerk	1234.3	656.1	30	6.2	1.6	
click	1994.4	1419.8	30	3.7	2.3	
cliff	1231.7	532	31	6.3	1.6	
climb	1278.2	656.8	30	5.4	1.8	
clinch	1786.1	1090.4	31	3.3	2.2	4.17
cling	1237.9	819.6	31	4	2.4	
clink	1186.3	675	31	2.4	1.8	
clip	1283	835	29	5.2	2.2	
clique	1777.2	1040.6	30	3.8	2.3	
cloak	1218.3	623.4	30	5.4	2.2	5.12
clock	981.6	408.3	31	6.8	0.7	
clod	1556.6	1254.4	30	3.3	2.3	
clog	1276.2	697.6	31	4.5	2.3	
clone	1474.3	619.6	29	4.8	2.4	
clop	1670.8	1671.3	29	2.3	1.8	
close	1660.9	904.3	29	3.7	2.2	
clot	1568.7	1024.6	29	4.2	2.2	
cloth	1101.6	564.9	30	6	1.8	5.41
clothe	1699	1051.2	30	4.6	2.4	
clothes	1208.4	467.2	30	6.4	1.3	
cloud	1059.1	720.3	29	6.7	0.9	5.89
clout	1527.7	1229	31	2.1	1.3	
clove	1621	911.4	29	4.7	2.5	4.15
clown	946.9	299.1	31	6.9	0.5	5.83
club	1318.2	718.1	31	5.5	2.1	5.16
cluck	1669.5	954.9	30	3.6	2.2	
clue	1398.1	1218	30	4.2	2.2	3.69
clump	1580.7	1060	31	3.9	2.1	
clung	1483.1	749.2	30	3.1	2.1	
clutch	1241.7	417.5	31	4.1	2.4	

coach	1313.2	822.8	31	6	1.7	5.20
coal	1223.9	784.7	31	6.3	1.3	5.74
coarse	1580.4	718.3	29	3.7	2.4	4.88
coast	1542.6	891.2	30	5.4	2	5.84
coat	1180.8	598	29	6.7	0.8	5.38
coax	1546.7	780.2	29	2.1	1.2	
cob	1573.7	593.8	30	5.4	2.1	
cock	1763.8	1125	31	5.1	2.2	
cod	1487.3	923.5	28	4.3	2.6	
code	1316.3	565.7	30	3.9	2.1	
coin	1199.9	858.6	31	6.5	1.3	5.86
coke	1097.9	544.3	31	6.8	0.6	6.17
cold	1330.3	769.6	29	4.2	2.3	5.42
colt	1190.6	832.7	29	6.1	2	
comb	1142.8	665.7	31	6.4	1.6	
come	1461.9	866.7	28	2.2	1.7	3.30
con	1482.5	865.4	30	2.3	1.8	
cone	1242.9	664.3	30	5.8	1.9	
conk	1440.5	684.9	30	2.6	2.1	
cook	1216.4	611.3	30	5.4	1.9	4.98
cool	1424.1	988	29	3.3	2.4	4.00
coon	1383.1	803.6	29	5.1	2.4	
coop	1408.9	789.2	30	3.6	2.3	
coot	1324.7	507.6	30	1.9	1.4	
cop	1068.5	375.3	31	6.4	1.4	
cope	1364.9	926.2	31	2.5	1.7	3.38
cord	1118	488.9	31	5.9	2	5.14
core	1581.5	1294.1	29	4.3	2.4	
cork	1089.6	544.9	30	6.2	1.5	6.25
corn	1065.8	448.6	30	6.8	0.7	5.84
corps	1881.1	1018.7	30	3.9	2.4	4.02
corpse	1152.2	589	30	6.4	1.5	
cost	1555.6	749.8	28	3.8	2.1	4.09
cot	1209	486.5	30	5.4	2.2	
couch	1180.8	711.6	31	6.7	1.2	5.30
cough	1375.5	650.4	30	5.6	1.7	
could	1134.6	570.5	28	1.7	1.4	
count	1539.7	743.6	30	4.4	2.1	4.53
coup	1476.9	739.1	29	2.7	2.2	
course	1700.9	1437.3	31	3.1	2	3.85
court	1401.3	718.3	31	6.3	1.1	5.46
cove	1420.6	753.8	31	4.5	2.5	
cow	889.5	283.2	31	6.8	1.2	6.26
coy	1612.6	1393.8	30	2.2	1.6	
crab	1130.3	575.5	31	6.4	1.2	
crack	1358.6	696.8	31	4.9	2.1	
craft	1708.5	876.7	29	4.5	2.1	
cram	1489.8	938.3	28	3.7	2.4	
cramp	1628.6	884.1	30	4.5	2.2	
crane	1220.8	581.3	30	5.9	1.9	
crank	1483.3	668.1	30	4.1	2.3	5.18

craps	1924.3	1017.1	29	4	2.4	
crash	1391.8	902.3	29	4.6	2.1	
crate	1544.9	824.1	29	6.1	1.9	
crave	1320.8	1056.4	30	3.5	2.4	
crawl	1417	754.7	29	4.4	2.2	4.82
craze	1552.1	1153.5	30	2.7	1.7	
creak	1514.9	746.9	31	4.2	2.5	
cream	1320.1	653.8	31	5.7	2	5.51
crease	1871.9	1196.6	27	4.1	2.2	
creed	1327	667.8	30	3.8	2.5	
creek	1184.5	513.9	27	5.9	1.9	
creep	1442.9	780.4	31	4	2.4	
crepe	1587.6	836.5	30	3.1	2.1	
crept	1453.8	1043.5	30	4	2.2	
crest	1671.6	1246.9	31	5.4	1.9	
crew	1468.1	799.9	30	5.2	1.9	
crib	1135.7	521.3	31	6.1	1.8	
crick	1827.8	1416.4	29	3	2	
crime	1638.6	1031.6	30	4	2.3	4.93
cringe	1191.9	446.2	29	3.7	2.3	
crisp	1487.1	744.6	29	4	2.3	
croak	1594.2	994.1	29	3.5	2.3	4.39
crock	1784.8	1174.2	28	3.3	2.3	
crook	1341.5	700.8	27	5	2.1	
croon	1615.8	959.3	30	2.4	1.7	
crop	1231.1	694.6	30	5.6	2.2	
cross	1225.3	537.4	29	6.3	1.5	5.00
crotch	1624.4	751.9	29	5.3	2.1	
crouch	1656	834.1	30	4.4	2.2	
crow	990.8	292.1	31	6.3	1.7	5.67
crowd	1511.6	956.3	30	5.3	2.1	5.42
crown	1003.4	541.2	29	6.2	1.5	5.96
crude	1600.1	1125.4	28	2.5	1.7	
cruise	1546.9	1571.2	28	5.6	2.1	
crumb	1558.7	1482.3	31	6.2	1.4	4.91
crunch	1716.1	1077.1	31	4.1	2.1	
crush	1309.5	754.6	30	4.7	2.2	
crust	1378	799.3	31	5.8	1.7	
crutch	1357.6	669.2	30	5.8	1.9	
cry	1163.9	518	31	5.3	2.1	4.53
crypt	1516.2	955.2	30	5	2.3	
cub	1521.9	886.4	31	5.8	1.9	
cube	1285.1	553	31	6.1	1.6	5.69
cud	1418.9	780.8	29	2.8	2.3	
cue	1628.2	1213.5	31	3.3	2.3	
cuff	1313.4	794.8	28	5.4	1.9	
cult	1340.1	580.4	30	4.8	2.2	
cup	1024.4	349.3	31	6.7	1.2	5.52
curb	1467.7	1126.1	30	5.8	1.8	5.50
curd	1417.3	670	30	3.3	2.2	
cure	1805	1340.6	30	3.2	2	3.86

curl	1546.4	1114.4	30	5.1	2.3	
curse	1586.3	840.6	31	3.4	2.1	4.14
curt	1215	855.9	29	2.4	2.1	
curve	1487	840.4	29	4.4	2.1	4.55
cusps	1736.4	1211.4	31	1.8	1.3	
cut	1497.6	703.9	30	5.1	2	4.54
cute	1418.4	627.4	31	4.4	2.3	
cyst	1331.9	632.7	30	3	2.4	
czar	1425.3	670.4	30	3.2	2.4	
dab	1367.8	963.2	30	3.1	2.1	
dad	1161.8	503.8	31	6.7	0.8	
daft	1484.4	751.6	30	1.8	1.6	
dale	1490.1	859.8	30	3.2	2.4	
dam	1280	589	31	5.3	2.4	
dame	1181.5	625.3	30	3.5	2.3	5.24
damn	1956.3	1349.6	27	3.2	2.5	
damp	1701.1	1456.3	30	4.2	1.8	
dance	1462.7	734	30	5.6	1.9	5.04
dank	1445.7	872.2	30	2.2	1.7	
dare	1591.3	1077.5	30	2.5	1.9	4.25
dark	1378.9	692.6	30	4.6	2.6	6.19
darn	1432.3	684	30	2	1.2	
dart	1264.1	556.2	30	6.1	1.8	
dash	1636.1	1053.4	31	3.8	2.3	
date	1531.5	926.3	28	4.8	2	5.29
daunt	1669	1547.8	30	2.3	1.6	
dawn	1329.6	1183.9	28	5.3	2.1	5.29
day	1643.7	1147.4	30	4.8	2.4	
days	1466.5	747.2	29	4	2.3	
daze	1646.9	1342	29	3.1	2	
dead	1519.4	770	29	5.3	1.9	4.98
deaf	1558.5	1150.1	29	3.3	2.1	
deal	1307.6	873.8	30	3	2.1	4.27
dealt	1568.6	1215.9	29	2.8	2	
dean	1658.5	1027.9	28	4.6	2.4	
dear	1606.7	1073	31	3.6	2.4	3.68
dearth	1311.2	545.3	31	1.4	0.9	
death	1571.9	932.2	30	4.7	2.5	4.93
debt	1599	685.3	31	4	2.3	3.78
deck	1370.1	796.3	29	6.4	1.5	5.05
deed	1610.8	815.9	30	3.4	1.9	
deem	1194.6	748.5	30	1.8	1.3	
deep	1360.2	568.1	31	4.3	2.2	5.17
deer	1054.1	656	30	6.7	1	6.40
dell	1544.7	1206.4	31	3.5	2.4	
den	1151.9	586.9	30	5.4	2.2	
dense	1237.9	738.1	30	3	2	4.55
dent	1345.7	769.7	29	5.3	2.1	
depth	1672.1	1170.1	30	3.5	2.5	
desk	1003.9	333.1	29	6.4	1.6	5.68
deuce	1478.8	734.8	30	3.2	2.2	

dew	1391.5	873.7	28	5.7	2	
dice	1084.9	360.7	30	6.4	1.5	
did	1257.4	768.7	31	1.9	1.4	3.23
die	1392.1	819.8	30	4.4	2.4	4.93
dig	1326.1	637.2	29	5.4	2	
dike	2219	1521.4	27	4	2.5	
dill	1652.6	949.5	30	4.3	2.5	
dim	1671.1	1115.3	30	3.8	2.2	4.44
dime	1041.4	428.7	31	6.8	1	5.84
din	1452.5	890.2	30	2.7	2	
dine	1543.8	1009.9	30	3.5	2.3	
dip	1706.9	1127.4	29	4.3	2.1	
dire	1748.7	1383.4	28	1.9	1.4	
dirge	1573.9	1187.4	31	1.7	1.4	
dirt	1124.6	608.6	31	6.2	1.5	5.05
dish	1349.4	806.2	29	6.2	1.6	
ditch	1373.9	776.5	29	5.9	1.5	5.41
dive	1198.4	521.2	31	4.6	2.5	
do	1204.5	891.9	31	1.7	1.1	2.70
dock	1263.1	646	30	6.1	1.6	
dodge	1320.9	871.2	30	4.9	2.3	
doe	1124.8	533.5	30	5.8	2.2	5.26
does	1216.9	622.6	29	1.6	1.3	
dog	1222.4	840.6	29	6.9	0.7	6.15
dole	1390.6	773.4	30	2.6	2.1	
doll	903.6	295.6	31	6.4	1.6	5.27
dolt	1451.2	1099.9	31	1.8	1	
dome	1446.5	793.2	30	4.8	2.2	5.51
don	1639.4	1210.6	30	2.4	2	
done	1495.9	933.6	29	2.3	2	3.40
doom	1166.6	649.5	30	3.4	2.4	
dope	1629	718.2	30	4.9	2.2	
dorm	1091.6	225.4	28	6	1.8	5.73
dose	1692.2	995.3	30	3.3	2.2	
dot	1434.1	1314	29	6.3	1.6	
dote	1415.4	1096	29	2	1.5	
doubt	1538.3	1069.9	30	2.5	1.9	
douche	1518.6	843.1	26	3	2.2	
dough	1220.2	588.4	30	5.9	1.8	5.35
dour	1426.6	1269	30	1.5	0.9	
douse	1243.5	554.9	30	2.6	1.9	
dove	1067.9	548	30	6.5	1.5	
down	1323.5	612.3	27	4	2.4	4.53
dowse	1516.6	894.9	31	2.6	2.1	
doze	1426.7	843.6	29	4.1	2.2	
drab	1467.7	870.6	29	2.7	2	3.34
draft	1528.6	922.9	30	4	2.3	
drag	1554.4	1051.6	31	4.5	2.5	
drain	1433	1146	29	5.5	2	
drake	2057.7	1360.7	30	3.7	2.6	
drank	1248.8	702.8	30	4.6	2.2	

drape	1548.1	663.5	30	4.7	2.4	
draught	1755.2	936.2	26	2.4	1.9	
draw	1695.8	1416.1	30	5	2.2	4.29
drawer	1355.9	1304.2	29	6	2	
drawl	1794.5	998.6	30	2.8	1.9	
dread	1601.1	806.1	30	2.7	1.9	
dream	1379.7	633.5	30	4.9	2.3	4.98
dreamt	1521.2	814.5	29	3.2	2.2	
dredge	1501.6	1053.6	30	2.6	2	
drench	1245.9	739.7	29	4.2	2.4	
dress	1115	639.9	31	6	1.7	5.61
drew	1625.3	945.6	29	3.9	2.3	
drift	1773.6	1118	28	3.5	2.1	
drill	1189.4	547.7	28	6	1.6	5.65
drink	1518.8	980.7	31	5.7	1.7	5.49
drip	1309	506.5	30	4.9	2.1	
drive	1387.3	763.8	31	5.3	2.1	
droll	1625.7	1064.7	31	2.2	1.6	
drone	1647.6	1172.5	30	3.1	2.3	
drool	1460.9	887.5	28	5	2.2	
droop	1485.5	859.7	29	3.6	2.1	
drop	1679.9	1031.9	31	4.3	2.2	4.11
drought	1855.7	976.3	31	3.8	2.3	
drove	1522.9	855	28	4.4	2.1	
drown	1678.9	940.5	28	4.7	1.9	
drowse	1770.1	1246.2	29	2.8	1.8	
drug	1289.6	689.1	30	5.6	2	
drum	987.6	409.6	30	6.4	1.6	5.93
drunk	1418.1	640.4	30	5	1.8	
dry	1714	975	28	3.8	2.1	
dub	1300	759.6	31	2	1.7	
duck	1059.9	475.6	31	6.5	1.5	6.35
duct	1580	1368.8	31	3.5	2.4	
dud	1380.1	839	29	3	2.2	
dude	1424.6	688.6	30	5.2	2.2	
due	1485.6	1187.6	28	2.1	1.6	
dug	1436.7	598.2	30	4.7	2.2	
duke	1607	1003.1	30	4.6	2.5	4.74
dull	1447	911.7	31	3	1.9	
dumb	1558.9	1042.6	29	3.5	2.2	3.93
dump	1427.7	718.1	28	4.7	2	5.18
dunce	1644.9	1287.8	30	3.3	2.4	
dune	1375.7	755.4	31	4.5	2.5	
dung	1467.9	764.6	30	3.7	2.5	
dunk	1578	1300.7	31	4.9	2.1	
dupe	1516.2	908.7	30	1.9	1.4	
dusk	1639.4	1068.6	28	5.2	1.9	5.68
dust	1010.6	372.1	30	5.2	2.2	5.14
dwarf	1098.6	604.8	31	6.4	1.5	
dwell	1488.5	929.6	31	3.1	2	
dye	1380.4	896.6	31	5.2	2.3	

each	1380.8	1022.4	28	2.3	2	3.14
ear	865	235.4	30	6.8	0.9	5.91
earl	1579.5	979.8	29	3.2	2.1	
earn	1449	976.4	29	3	2.1	4.31
earth	1113.8	829.7	31	6.5	1.6	5.61
ease	1728.9	1220.9	30	2.6	2	
east	1590	792.1	29	4.2	2.4	4.91
eat	1245.5	619.6	30	4.8	2.3	5.57
ebb	1325.6	732.7	30	1.4	0.8	
edge	1521.8	729	31	5.1	2	5.11
eel	1203.9	484.6	30	6.3	1.7	5.46
eight	1213.7	550.5	30	5.9	2	4.67
eke	1208.6	689.7	31	1.6	1.3	
elf	1104.2	511.8	31	6.6	1.2	
elk	1075.6	416.3	30	6	2	
elm	1482.2	909.8	29	5.8	1.8	5.32
else	1309.6	838.4	31	1.7	1	1.83
elves	1255.8	507.1	31	6.5	1.3	
end	1637.7	1294.8	29	3	2.3	4.56
etch	1455.9	786	29	3.2	2.3	
eve	1657.2	854.1	29	3.3	2.2	
ewe	1510.6	906.4	28	3.9	2.6	
eye	1015.3	463.9	31	6.7	1.2	
face	1396.3	815	30	6.4	1.1	5.65
fact	1309.6	784.6	28	2.6	2.1	3.18
fad	1518.5	890.4	27	2.8	1.8	
fade	1809.8	1045.4	30	4	2.1	
fag	1929.4	1357.7	29	3.7	2.5	
fail	1345.9	894.2	30	3.1	2	3.70
faint	1347.7	643.2	31	4.6	2.3	4.60
fair	1399.8	818.5	30	3.8	2.4	4.64
faith	1836.1	1491.7	29	3.5	2.5	
fake	1800.8	1116	28	3.2	2.1	
fall	1444.4	724.4	30	4.8	2	
false	1401.8	708.7	31	2.7	2.1	
fame	1595.1	776.4	26	3.5	2	
fan	1046.6	345.1	31	6	1.9	5.76
fang	1377.6	669.5	30	6.1	1.5	5.53
far	1436	834.1	30	3.5	2.2	4.29
farce	1430.9	1226.5	30	2.1	1.3	
fare	1418	983.1	31	2.5	1.8	3.78
farm	1013.2	435.9	30	6.2	1.8	5.54
fast	1386.5	742.2	30	3	2.1	4.04
fat	1199.4	551.1	30	5.8	1.7	
fate	1614.7	1325.9	28	3	2.1	3.87
fault	1658.3	1499.1	29	2.1	1.8	3.11
fawn	1400.1	881.4	31	6.3	1.4	5.60
faze	1830.2	1318.7	30	2.4	1.9	3.88
fear	1539.4	857.3	29	2.9	1.8	
feast	1346.2	633.4	29	5.5	2	
feat	1732.7	1184.7	29	2.1	1.6	3.59

fed	1342.4	594.2	29	3.4	2.3	
fee	1597.4	800.9	29	3.7	2.2	
feed	1460.8	1199.4	30	4.4	2.3	
feel	1726.1	1022.2	30	2.9	1.9	3.57
feet	1344.2	1102.8	29	6.7	0.9	6.09
feign	1425.9	647.9	31	2.2	1.6	
fell	1393.6	871.4	31	3.7	2.4	4.25
felt	1706	1317.1	30	3.1	2.3	4.77
fence	1078.8	419.2	31	6.6	0.9	6.05
fend	1559.9	968	29	2.5	1.9	
fern	1452.8	1087.9	30	6.2	1.7	
fetch	1912	1214.7	30	4	2.2	
feud	1538.7	588.9	28	3.8	2.4	
few	1274	648.4	29	2.7	2	3.42
fib	1402.8	877.6	31	3.2	2.3	
field	1239.2	580.1	28	6.5	1.3	
fiend	1560.7	896.9	28	3.4	2.3	
fierce	1460.1	629.8	30	3.6	2.3	
fife	1800.3	1135.2	31	2.2	1.9	
fifth	1372.4	816.8	30	4.4	2.6	
fig	1495.4	702.4	30	5.1	2.2	
fight	1196.5	537.7	29	4.8	2.3	
file	1174.3	578	30	5.8	1.9	4.36
fill	1677	952.3	30	3.5	2.2	4.09
film	1525.7	1178.2	31	6	1.8	5.56
filth	1543	854.5	29	4.6	2.2	5.11
fin	1254.4	591.4	31	5.3	2.4	
finch	1392.5	870.9	31	4.3	2.8	
find	1440.7	781.8	29	2.5	1.9	4.21
fine	1506.6	848.2	31	2.4	1.7	3.86
fir	1815.5	1132.7	29	3.5	2.6	
fire	997.8	402	31	6.5	1.4	6.32
firm	1784.1	1042.1	28	4.1	2.1	3.98
first	1537	944.6	30	4.1	2.5	4.32
fish	906.3	342.3	31	6.8	1.1	6.09
fist	1522.1	1273.9	31	6.5	1.3	
fit	1508.2	971.2	30	3.1	1.9	
five	1380.2	715.4	30	5.8	2	5.23
fix	1295.8	742.7	27	3.2	2.2	
fizz	1418.6	686	29	4.6	2.2	
flag	1058.8	615.5	30	6.8	0.7	5.98
flail	1194	547.3	29	2.7	2.3	4.19
flair	1562.8	954.3	31	2.6	1.9	
flak	1563.7	943.9	30	1.8	1.1	
flake	1225.2	474.5	27	5.2	2.2	
flame	1281.8	632	30	6.2	1.7	5.76
flank	1641.5	923.6	31	3	2	
flap	1389.5	1012.7	31	4	2.2	
flare	1601.4	1139.5	28	4.5	2.4	
flash	1296.2	814	30	4.9	2.3	
flask	1511.6	1140.4	29	5	2.2	



flat	1204.9	560.9	30	4.1	2.2	
flaunt	1400.9	869.3	31	2.8	2	
flaw	1696.7	1078.5	30	3.1	2.2	
flax	1331	1253.9	30	2	1.6	
flea	1098.9	621	29	6.5	1	6.00
fleck	1497.1	832.6	30	2.6	1.8	
fled	1596.7	1238.6	31	3.9	2.1	
flee	1526.9	1063.1	27	3.9	2.1	4.25
fleece	1580	783.1	31	5.6	1.9	
fleet	1843.9	1314.8	31	4.5	2.4	5.04
flesh	1181.8	565.2	31	5.7	2	
flew	1238.2	566.2	30	3.7	2.2	
flex	1275.5	724	29	4.1	2.2	
flick	1606.2	818.5	29	3.9	2.2	
flight	1302.2	574.4	30	5	2	
flinch	1405.3	830	29	3.9	2	
fling	1556.1	822.8	30	3.6	2.2	
flint	1263.8	705.2	30	4.4	2.5	
flip	1577.4	908.5	31	4	2.2	
flirt	1271.9	548.2	29	4.9	2	
float	1283.3	654.5	31	5.1	2.3	5.19
flock	1073.7	350.7	30	5.6	2.3	
flog	1524.8	877.6	30	3.5	2.2	
flood	1231.4	942.6	31	6.4	1.4	5.89
flop	1484.8	914.1	30	3.8	2.1	
floss	1365.9	894.6	31	5.7	2.1	
flounce	1351.9	833.4	27	2.6	2	
flour	1132.9	618.5	29	6.5	1.3	
flow	1509.1	1036.3	29	3.8	2.3	4.11
flown	1733.9	912.5	28	3.8	2.4	
flu	1401.9	686.3	30	4.2	2.3	
flub	1610.1	882.6	31	2.2	1.6	
fluff	1465.7	637.2	30	3.8	2	
fluke	1457.5	836.1	30	2.9	2.3	
flume	1668.9	866.2	31	2.8	2.1	
flung	1367	757.7	29	3.4	2.2	
flunk	1450.2	841.2	31	3	2.3	
flush	1529.9	1080.2	29	3.8	2.3	5.24
flute	1164.4	675.2	31	6.3	1.6	5.75
flux	1482	1031.8	29	2.2	1.9	
fly	1247.6	701.1	30	5.9	1.6	5.76
foal	1593	752.7	30	4	2.8	
foam	1158.6	473.9	29	5.7	1.9	
foe	1387	1064.7	31	3.5	2.4	
fog	1166.1	519.6	29	6	1.5	6.00
fold	1350	735.7	29	5.4	1.9	
folk	1377	630.8	30	4.4	2	
fond	1509.7	921.6	30	2.9	2.1	
font	1569.8	684.6	28	4.5	2.3	
food	981.1	356.1	31	6	1.9	5.33
fool	1327.3	726.4	30	3.7	2.2	4.30

foot	982.9	376.9	31	6.7	1.1	5.88
for	1133.2	658	30	1.3	0.5	2.07
force	1588.8	1199.4	30	3.3	2.5	
ford	1356.1	1016.1	30	5.2	2.2	
fore	1283.6	728.5	31	1.9	1.6	3.34
forge	1497.5	697.7	30	3.3	2.1	
fork	1341.3	1474.4	30	6.6	1.2	5.71
form	1388.3	1083.2	31	2.5	1.9	4.19
fort	1218.3	662.7	29	6	1.9	
forth	1614.8	1280.7	30	3.2	2.3	3.30
fought	1680.1	778.2	29	3.9	2.1	
foul	1346.2	577.7	30	3.6	2.3	4.61
found	1346.6	832.1	31	2.7	2	
four	1488.4	870.8	31	5.9	2	4.85
fowl	1000.5	391.1	30	5.1	2.3	4.84
fox	1139.9	553.5	31	6.4	1.5	5.61
frail	1511.9	889.7	29	3.4	2.2	4.24
frame	1225	585.3	30	6	1.7	
franc	1766.1	807	29	2.6	2.2	
frank	1645.7	1206.9	30	3.7	2.7	4.13
fraud	1539.5	1038.1	28	2.9	2	3.91
fraught	1961.4	1334.8	31	1.6	1.1	
fray	1572	1108.1	30	3.1	1.8	
frays	1678.7	1188.7	31	3	2	
freak	1634.4	785.7	31	4.3	2.2	
free	1613.3	887	30	3	2.3	3.93
freeze	1199.4	635.8	30	5.2	2	5.15
freight	1782.2	1061.2	30	4.7	2.4	5.33
fresh	1693.3	1178.3	30	3.2	2.1	
fret	1333	718	29	2.6	2.1	
friend	1250.2	631.4	30	5.6	2.1	5.63
fright	1458.7	826.2	30	3.3	2.1	
frill	1379.7	682.9	31	3	1.9	
fringe	1477.8	489.9	30	4.6	2.3	
frisk	1406.5	988.3	30	3.6	2.3	
fritz	1584.8	968.7	31	2.6	2	
frizz	1333.6	677.4	31	4.6	2.3	
frock	1470.5	757.8	26	3	2.2	3.97
frog	979.3	430.3	31	6.7	1.2	6.04
from	1212.6	619.2	30	2	1.7	2.30
front	1404.7	765.6	27	4.4	2.1	4.29
frost	985.4	360.3	30	5.8	1.7	5.71
froth	1430.6	600	29	3.1	2.1	
frown	1259	540.8	28	5.8	1.8	5.83
froze	1183.4	512.6	29	5	2.1	
fruit	940.2	448.6	30	6.3	1.7	5.93
fry	1372.3	638.2	28	5.4	2.1	
fudge	1181.5	689	28	6.5	1.1	
fugue	1613.1	1110.6	30	1.8	1.7	
full	1531.6	1205.9	30	3.4	2.1	4.16
fume	1714.3	1153.5	30	3.7	2.2	

fun	1467.3	880.9	31	3.6	2.2	
fund	1293.8	811.1	30	3.4	1.9	
funk	1466.5	655.6	29	2.6	1.9	
fur	1183.7	763.3	29	6.4	1.5	5.77
fuse	1238	512.3	31	4.1	2.5	4.73
fuss	1485.8	698.6	29	2.7	1.8	
fuzz	1374.3	794.6	29	5.5	2	
gab	1274.9	688.1	31	3.2	2.2	
gag	1380	714.6	31	4.1	2.5	
gain	1342	708.2	30	2.8	2.3	3.00
gait	1501.2	841.1	30	2.6	2.1	
gale	1716.1	1391.1	31	2.8	2.1	
gall	1726.3	1249.5	29	2.3	1.8	
game	1658.8	1083.9	28	4.9	2.3	5.42
gang	1227.9	456.2	30	5.5	2	
gap	1502.8	1125.7	29	4.9	2.6	
gape	1419.7	645.1	29	2.8	1.9	
garb	1342.3	836.6	28	3	2	
gas	1455.1	757	29	5.7	1.8	5.41
gash	1402.3	961.1	29	4.2	2	
gasp	1461.5	761.3	29	4.1	2.4	
gate	1115.2	542.5	29	6.1	1.7	5.39
gauche	1244.1	505.6	28	1.5	1.3	
gauge	1969.4	1172.6	30	3.8	2.2	
gaunt	1199.9	551	30	2.6	1.6	
gauze	1494.4	885.2	30	5.2	2.4	
gave	1395.4	640.5	30	2.3	1.8	
gawk	1566.2	842.7	30	3.3	2	
gay	1518.4	866.8	30	3.6	2.5	
gays	1897.4	1218.7	28	3.8	2.5	
gaze	1428.7	600.2	28	4	2.5	
gear	1437.4	877.1	31	4.8	2.2	
geese	1363.9	1089.4	30	6.4	1.5	
gem	1195.6	526.2	29	6.3	1.4	5.32
gene	1736.7	845.6	30	3.8	2.3	
gent	1501.6	792.2	31	3.1	2.4	
germ	1347.2	661.2	30	5	2.3	
get	1289.7	806	29	1.7	1.3	2.84
ghost	1054.4	437.1	30	6.6	1	5.72
ghoul	1329.7	499.2	30	5	2.3	
gift	1190.8	762.2	30	6.1	1.7	5.42
gig	1472.2	706.1	29	3.6	2.3	
gill	1611.5	914.4	30	5	2.1	
gilt	1709.1	975.1	30	2.2	1.6	
gin	1542.7	922.4	31	5.1	2.1	5.49
girl	941.8	441.2	30	6.3	1.4	6.31
girth	1658	992.2	31	2.9	1.9	
gist	1391.2	843.4	31	2.1	1.8	
give	1348.5	667.4	30	2.8	2.1	3.88
glad	1543.7	826	28	3	2	4.49
glade	1601.4	846.9	30	3.2	2.2	

glance	1403.7	680.1	28	4.2	2.3	
gland	1679.3	1354.8	27	3.9	2.5	
glare	1441	730	27	3.7	2.2	
glass	1184	501.7	30	6.5	1.3	5.79
glaze	1307.1	863.6	28	4.3	2.4	
gleam	1248.9	609.5	30	3.4	2.2	
glee	1372.4	760.6	30	2.8	1.9	
glen	1393.1	1047.9	30	2.3	2	
glib	1546.6	779.8	29	1.9	1.4	
glide	1351	758.4	30	3.7	2.3	
glimpse	1479.2	682.2	30	3.6	2	
glint	1569.6	868.6	29	2.4	1.8	
gloat	1586.8	1162.7	28	2.8	2.1	
glob	1433.6	713.8	29	3.7	2.2	
globe	1148	639.5	31	6.4	1.3	5.70
gloom	1335.3	654.8	28	3.2	1.9	4.45
gloss	1402.2	706.9	30	5.2	2.1	
glove	1115.9	459.5	31	6.2	1.7	5.89
glow	1319.3	723	29	4.7	2.1	
glue	1237.3	997.8	30	6.4	1.2	
glum	1450	960.5	30	2.7	2.1	
glut	1518.5	747.6	31	2.4	1.8	
gnash	1537.5	801.8	30	2.3	1.5	
gnat	1324	596.6	30	6.3	1.5	
gnaw	1319.4	790	28	3.8	2.2	
gnome	1254	662.8	29	5.2	2.3	
go	1330.6	1011.4	30	2.2	2	3.61
goal	1565.1	1026.3	30	4	2.4	
goat	958	280.1	30	6.9	0.5	5.79
gob	1518.2	1090.1	31	3	2	
god	1871	1268.2	30	5.7	2	4.55
gold	1147.5	506	31	6.3	1.6	5.70
golf	1040.6	476.5	30	6.5	1.3	
gone	1486.5	1005.8	29	2.6	2.1	3.07
gong	1539.3	678.1	28	4	2.4	
goo	1245.6	512.7	31	4	2.6	
good	1262.6	605.7	31	2.6	1.9	3.89
goof	1638.4	923.6	30	3	1.8	
goose	1034.7	400.7	31	6.9	0.5	
gore	1547	871.7	31	3.9	2.2	
gorge	1443.5	777.6	28	4.7	2.3	
gosh	1475.1	983.1	30	1.7	1.4	
got	1141.1	597.7	30	1.8	1.3	2.80
gouge	1312.9	873.1	30	3	2.1	
gourd	1355	504.9	31	4.5	2.6	
gown	1351.3	1132.6	30	6	1.8	5.72
grab	1514.8	917.6	30	4.6	2	
grace	1856.7	1460.4	31	3.3	2.2	4.35
grade	1382.6	629.5	29	4.9	2.3	
graft	1379.3	805.9	30	2.1	1.8	3.98
grail	1647.1	948.4	29	3.1	2.2	

grain	1202.2	445.9	30	5.8	2.2	
grand	1591.7	918.7	31	2.7	1.9	
grant	1727.2	1156.3	29	3.1	2.4	
grape	965.8	368.9	31	6.7	1.2	5.86
graph	1267.8	638	31	6.2	1.8	5.29
grasp	1534.2	840.5	31	4.1	2.2	
grass	1052.4	487.4	29	6.9	0.5	5.73
grate	1488.9	848.4	29	4	2.4	4.18
grave	1314.3	579	30	6.5	1.3	6.23
gray	1227.3	439.6	30	5.9	1.9	5.35
graze	1265.5	577	31	4.5	2.5	4.64
grease	1326.3	740.8	31	5.7	1.9	
great	1759.3	1200.9	31	2.5	2	3.79
greed	1517.3	1056.6	28	3.4	2.3	
green	1052.6	398.2	31	6.2	1.9	5.81
greet	1544.4	729.6	31	3.5	2.4	
grew	1481.7	830.8	29	3.2	2.2	
grid	1645.6	1419.4	31	4.6	2.3	
grief	1559.1	1202.8	29	3.5	2.2	4.60
grieve	1500.5	811.9	29	3.4	2	
grill	1511.9	1502.8	29	5.9	2.1	
grim	1551.5	832	28	3	2.1	
grime	1488.3	868.9	30	3.8	2.2	
grin	1314.5	678.9	31	5.6	1.9	
grind	1668.1	1028.8	31	4	2.3	4.79
grip	1295.3	614.4	31	4.5	2.2	
gripe	1790.2	1081.2	28	3	2	
grit	1839.4	1178	29	4	2.1	
grits	1547.5	912	31	5.4	2	
groan	1378.3	848.8	30	3.6	2.2	4.85
groin	1266.2	576.6	31	5.1	2.4	5.10
groom	1120.1	627.4	29	5.7	2.1	
groove	1524.6	625.6	30	4.1	2.1	
grobe	1311.4	634.5	28	3.3	2.3	
gross	1783.3	1126.9	30	3.8	2.2	
grouch	1673.3	1128.2	30	3.5	2	
ground	1336.7	873.4	31	5.9	2.1	4.93
group	1382.6	897.3	28	5.2	2.1	4.61
grouse	1427.4	865.4	30	3	2.3	
grove	1565	1009.4	29	4.2	2.2	
grow	1734	969	30	3.9	2.2	3.65
growl	1415.6	651.1	31	4	2.2	
grub	1496.4	979.6	28	4.1	2.2	
grudge	1522.5	873.9	30	2.9	1.9	3.67
gruff	1343.5	1002.2	29	2.4	1.8	
grunt	1311.6	784.9	30	3.4	2.3	
guard	1092.1	449.8	30	5.8	2.2	5.24
guess	1428.6	925	31	2.6	2	
guest	1539.3	763.3	29	4.8	2.2	4.91
guide	1510.6	857.9	29	4	2.4	4.53
guild	1664	1078.9	31	3	2.1	

guile	1709.6	1430	31	1.8	1.2	
guilt	1729.4	1322.3	28	3.3	2.1	3.75
guise	1517.8	1023.2	31	2.7	2.2	
gulf	1798.2	1268.3	29	5.1	2.2	
gull	1597.8	819.1	30	3.3	2.5	
gulp	1368.5	820.9	31	4.4	2.2	
gum	1099.5	466.6	31	6.4	1.6	
gun	1064.1	542.3	29	6.6	1.1	5.88
gush	1164.2	678.7	28	3.1	2.3	
gust	1534.9	679.7	31	3.3	2.2	
gut	1085.4	414.7	31	5.6	2.2	
guy	1183.5	504.7	27	6.5	1.2	
gym	991.1	325.2	31	6.5	1.4	6.07
gyp	1437	755.3	31	1.8	1.4	
hack	1840.4	1149.2	30	3.1	2.1	
had	1248.8	725.3	30	1.7	1.3	2.90
hag	1414.5	765.6	28	4	2.3	
hail	1480.8	902.9	29	4.3	2.4	4.57
hair	918.8	378.2	29	6.3	1.4	5.74
hale	1771.4	1299.4	30	2.6	1.8	3.70
half	1595.7	849.5	31	3.5	2.3	4.42
hall	1183.1	553.3	28	5.9	1.9	5.14
halt	1520.8	1059.9	30	3.5	2.1	4.11
halve	1962.7	1116.7	29	3.6	2.1	
ham	1056.2	440.8	31	6.7	1.1	5.64
hand	992.8	375.5	31	6.4	1.6	6.15
hang	1638.2	714.6	31	4.4	2.1	5.31
hank	1553.3	1003.5	31	2.8	2.2	
hard	1374.6	738.7	28	3.3	2.3	4.67
hare	1459	870	29	5	2.5	
hark	1450.1	800.1	31	2.2	2	
harm	1495.5	1058.5	30	3.3	2.2	
harp	1217	856.8	28	5.5	2.3	
harsh	1628.9	1203.3	30	2.9	1.7	3.73
hart	1844.6	1280.8	29	2.1	2	
has	1164.9	873.6	30	1.6	1.4	2.65
hash	2020.1	1532	29	3.9	2.4	
haste	1336.1	839.7	31	2.9	1.9	
hat	912.5	378.7	31	6.7	0.9	5.56
hatch	1600.5	1117	31	4.1	2.2	
hate	1440.6	746.6	30	3	2.2	4.38
hath	1255.9	713	30	1.6	1.3	
haul	1657.3	1323.3	28	3.6	2.1	4.07
haunt	1563	992.2	29	4	2.5	
have	1252.8	856.9	30	1.9	1.5	3.02
hawk	1045.7	415.7	31	6.8	1.1	5.85
hay	1135	434.8	30	6.7	0.7	
haze	1387.1	829.8	30	4.3	2.2	5.15
he	1407.3	1187.6	29	3.5	2.5	
head	1128.1	647.7	29	6.8	0.8	6.15
heal	1404.6	795.9	29	3.3	2.3	4.32

health	1544.8	1199.7	29	3.9	2.2	4.09
heap	1472.6	1041.3	28	3.8	2.2	
hear	1368.8	869.5	30	3.3	2.1	4.60
heard	1633.1	949.8	30	3.1	2.1	
hearse	1380.6	693.8	29	4.6	2.7	
heart	1165.8	682.7	31	6.7	1.2	6.09
hearth	1602.8	1362.1	29	4.7	2.4	
heat	1852.8	968.8	31	3.9	2.2	4.67
heath	1976.4	1160	29	2.6	2	
heave	1321.3	575.6	31	2.8	2	
hedge	1222.4	482.1	30	5.8	1.8	
heed	1520.1	1082	29	2.3	1.7	
heel	1335.2	734.9	31	5.8	2	5.91
heft	1339.7	620.3	30	2	1.5	
height	1320.6	546.1	31	4	2.3	
heir	1453.6	1054.1	29	3.6	2.3	3.88
heist	1562.9	1153.3	31	2.9	2	
held	1420.4	820.6	30	3.8	2.1	
hell	1687.2	1042.2	27	5.3	2.2	4.33
helm	1260.2	702.8	30	2.9	2.2	
help	1468.6	954.6	28	2.8	1.9	4.33
hem	1287.9	786.7	28	4.6	2.2	
hemp	1416.6	753.1	30	5.7	1.9	
hen	1117.8	946.6	31	6.4	1.5	
hence	1149.5	494	30	2.1	1.6	
her	1496.1	1228.1	28	3.5	2.6	4.58
herb	1326.1	684.2	30	5.3	2.1	4.96
herd	1476.4	946.8	31	5.6	1.9	
here	1260.2	744.2	31	1.8	1.5	2.96
hertz	1796.7	1422.7	31	2.9	2.2	
hex	1432.9	858	30	2.1	1.7	
hick	1426.4	596.2	30	4.6	2.3	
hid	1465.7	790.6	30	3	2.1	
hide	1360	831.9	28	3.7	2.2	4.22
hike	1523.9	806.3	30	5.6	1.6	
hill	895.8	263.8	30	6.3	1.4	
hilt	1479.4	929.2	30	2.6	2	
him	1513.6	915.7	31	4.2	2.3	3.79
hind	1572.6	921.3	30	2.8	1.9	
hinge	1420.7	747.3	30	5	2.3	
hint	1648.9	1134.2	30	2.9	1.6	
hip	1008.8	508.1	31	5.8	2.1	
hire	1533.7	995.8	30	3.3	2.4	
his	1411.9	966.8	31	2.6	2.1	3.35
hiss	1290.6	575.1	29	3.9	2.4	
hit	1214.2	392.1	28	4.4	2.3	
hitch	1871.7	1386.4	29	3.7	2.3	
hive	1482.2	814.8	31	5.6	1.9	
hives	1503.4	560.8	31	5.7	1.5	
hoard	1634.4	868.2	29	3	1.9	
hoarse	1653.6	789.8	24	3.1	1.9	3.97

hoax	1424.8	745.2	31	2.7	2.2	
hock	1476.2	1201.4	31	2.5	1.9	
hoe	1622.2	981.6	30	5.9	1.7	5.19
hoes	1927.5	1339.3	29	4.5	2.6	
hog	1138	606.1	30	6.6	0.9	5.21
hoist	1146.9	606	30	3.2	2.2	
hold	1337.3	774.2	31	4	2.5	4.66
hole	1396.4	678.7	31	5.8	1.6	5.21
home	1222.5	622.1	31	5.7	2.1	5.64
hone	1181.3	592.7	31	2	1.5	
honk	1263.2	662.8	31	4.6	2.2	
hood	1240.3	639.2	31	6.2	1.6	5.52
hoof	1212.8	1088.7	31	5.3	2.4	
hook	1441.3	932.9	30	5.7	1.9	5.35
hoop	1212.6	491.9	31	5.6	2.2	
hoot	1406	731	30	3.5	2.2	
hooves	1357.1	687.4	31	5.7	2	
hop	1197.7	673.6	29	5	2.2	
hope	1377.3	732	29	3	2.3	4.29
horde	1462.8	974.9	31	2.7	1.7	
horn	1241.3	873.4	30	6.1	1.7	5.53
hose	1134.6	581.5	29	6.1	1.7	
host	1314.3	750.6	30	4	2.2	
hot	1615.4	1192.1	31	4.4	2.1	5.53
hound	1166.9	555.8	30	6.5	1.4	
hour	1476.7	709.2	28	3.5	2.2	4.21
hove	1768.1	1204.8	30	1.9	1.5	
how	1279.1	772.4	30	1.7	1.3	2.28
howl	1599.1	1214.6	31	4.8	2.3	
hub	1818.1	1290.1	29	3.5	2.5	
hue	1645.4	985.3	31	2.9	2.1	3.93
huff	1328.9	882.1	31	3.2	2.3	
hug	1161.8	521.8	30	5.9	1.9	
huge	1690.3	1348.2	31	4.2	2.3	
hulk	1460.6	860.3	31	4	2.4	
hull	1493.5	997.2	28	3.5	2.5	
hum	1433.1	851.1	30	3.8	2.3	
hump	1414.9	729.3	31	5.1	2.1	5.18
hunch	1733	1447.9	31	2.6	1.9	
hung	1476.4	740.1	30	4.1	1.9	
hunk	1546.8	644.1	29	4.8	2.1	
hunt	1248.6	503.1	31	4.6	2.2	5.21
hurl	1485.4	679.1	28	4.4	2.1	
hurt	1471	931.2	30	3.6	2.2	4.82
hush	1437.4	955.8	31	2.9	2.1	
husk	1661.8	835.3	30	3.7	2.5	
hut	1212	537.4	30	6.1	1.7	5.54
hutch	1414.6	787.7	30	4	2.5	
hymn	1713	920.7	29	4.5	2.1	4.25
hype	1367.8	638.8	31	2.4	1.5	
ice	1077.1	554.8	31	6.3	1.6	



ides	1776.3	1130.1	30	1.8	1.6	
if	1137.3	834.5	31	1.4	1.2	
ill	1592	902.9	29	4	2	
imp	1339	616.5	31	2.2	2.1	
in	1190.2	800.4	30	1.7	1.2	
inch	1472.4	814.5	29	4.9	2.2	4.91
ink	1050.9	466.1	31	6.4	1.5	5.67
inn	1292.8	679.4	30	5.8	1.9	
ire	1356	905.1	31	1.4	1	
irk	1225.1	533.9	31	2	1.4	
is	954.5	359.2	30	1.2	0.5	
isle	1859	896.1	31	4.9	2.1	5.14
it	1271.8	905.9	29	1.6	0.9	
itch	1442	712.8	30	4.9	2.2	4.80
jab	1332.2	741.3	30	4.1	2	
jack	1512	730.9	29	4	2.5	4.97
jade	1796.8	1497	31	4.8	2.2	
jag	1861.8	1426.6	28	3.1	1.9	
jail	1185.7	871.2	31	6.6	1.2	6.02
jam	1300.9	788.5	29	5.9	2	5.63
jar	1019.3	463.9	31	6.8	0.7	5.53
jaunt	1223.5	659.6	30	2.1	1.7	
jaw	1097.3	389.6	29	6.5	1.5	5.84
jay	1524.9	793.5	28	3.9	2.5	
jazz	1488.2	766.7	30	4.4	2.2	
jeans	950.5	475.7	28	6.6	1.1	
jeer	1395.7	695.4	31	2.4	2.1	
jell	1811.2	1134.8	26	2.8	2	
jerk	1203.6	434.4	31	4.7	2.1	4.68
jest	1575.6	1036.6	30	2.4	1.9	
jet	1112.7	941.1	28	6.3	1.5	5.79
jibe	1383.2	964.6	27	1.9	1.5	
jig	1486.6	583.3	30	3.5	2.3	
jinx	1571.7	1058.3	31	2.6	1.9	
job	1332.8	568.9	29	4.3	2.3	4.64
jog	1366.7	924.2	31	5.4	2	4.98
join	1606.9	648	30	3	1.8	3.47
joint	1449.5	824.7	29	5.2	2.2	
joke	1586.3	1051.4	31	3.6	2.1	4.85
jolt	1474.5	777.8	30	3.7	2	
josh	1407.5	742.5	30	4.4	2.7	
jot	1686.6	866	31	3	2	
joust	1313.5	546.7	31	4.3	2.5	
jowl	1432.4	832.7	30	2.3	2.1	
joy	1308.8	830.8	31	3.7	2.4	5.25
judge	1219.1	585.9	28	6	2	5.14
jug	1080.4	667.6	29	5.9	1.9	
juice	1019.3	390.5	30	6.3	1.7	5.80
jump	1132.2	348.9	30	4.8	2.2	5.32
junk	1222.3	616.2	30	5.4	2.1	
just	1406.9	1090.6	31	1.8	1.4	2.15

keel	1549.2	813	30	2.3	1.9	
keen	1296.4	711.9	28	2.3	1.7	3.43
keep	1301.4	747.5	30	2.8	2.1	2.95
keg	1267.9	684.8	30	6.2	1.4	
kelp	1514.3	990	30	2.7	1.9	
kept	1440.6	815.8	29	2.1	1.6	2.94
key	1153	629	31	6.4	1.5	6.12
kick	1470.2	1031.1	30	5.1	1.9	
kid	1098.1	584.7	31	6.1	1.4	5.19
kill	1730.8	838.5	31	4.8	2	4.75
kiln	1339.2	526.9	30	3.6	2.4	
kilt	1402.8	694	30	5	2.4	
kin	1494.5	753.5	30	3.6	2.2	
kind	1086.6	674.7	28	2.7	2.2	3.75
king	1316.6	769.4	31	6.4	1.4	5.67
kink	1365.9	931.5	31	4	2.3	
kiss	1153.4	677.3	31	6.1	1.7	6.22
kit	1717.7	833.2	30	4.6	2.4	
kite	978.6	394.8	30	6.5	1.5	6.18
knack	1772.1	1157.6	31	2.7	2.2	
knave	1226.8	456.2	29	2.2	1.8	
knead	1467.9	639.9	31	4.2	1.9	
knee	1201.4	703.4	30	6.4	1.4	
kneel	1507.9	812.4	29	4.7	2.1	
knell	1531	1244.9	30	2.6	2.2	
knelt	1324.8	725.7	28	4.4	2.1	
knew	1517.4	1194.8	31	2.2	1.8	2.61
knife	1129.3	739.3	31	6.8	1	6.27
knight	1197.8	526.8	31	6.4	1.6	6.02
knit	1283.8	551	31	5.4	1.8	
knob	1410.1	908.2	30	5.9	1.8	5.48
knock	1271	614.7	28	4.9	2.1	
knoll	1355.5	651.1	28	3.7	2.2	4.38
knot	1286	991.7	30	5.9	1.8	
know	1212.9	932.2	30	2.4	1.8	2.98
kraut	1849	1205.3	29	4.2	2.5	
lab	1191.4	512.5	30	5.2	2.1	
lace	1126.4	521.3	31	6.2	1.7	5.00
lack	1412.2	1076.2	31	2.5	2	2.96
lad	1284.8	602.6	31	5.1	2.1	4.87
lag	1345.7	809.5	27	2.9	2	
laid	1564.6	1146.5	28	3.8	2.3	4.87
lain	1430.5	774	28	2.4	1.6	
lair	1448.8	617.9	30	4.7	2.4	
lake	1167.7	463.6	30	6.6	1.2	5.98
lamb	1102	750.2	30	6.6	1.3	5.88
lame	1616	966.4	31	3.3	2.3	
lamp	1072	551.3	31	6.6	1.2	5.50
lance	1662.8	906.3	31	4	2.4	
land	1471.3	1042.4	31	6	1.6	5.64
lane	1366.4	923.5	31	5	2.5	5.12

lap	1436	962.3	31	5.6	1.9	5.43
lapse	1642.8	1416.5	27	2.5	1.7	
lard	1350.2	645.7	31	4.8	2.2	4.85
large	1429.2	688.9	31	4.1	2.4	
lark	1563.3	1001.6	31	4.3	2.3	5.50
lash	1546.7	1391.4	28	3.6	2.2	
lass	1367.1	556.8	30	3.6	2.5	
last	1600.8	1295.3	30	3	2.1	4.07
latch	1216.6	558.1	31	5.3	2.3	
late	1436	788.1	30	3.7	2.2	3.85
lathe	1433.1	998	31	2.7	2.3	
laud	1235.4	646.5	30	1.5	0.8	
laugh	1204.9	568.2	30	4.9	2.4	5.22
launch	1397.2	671.8	28	3.9	2.3	
law	1636.3	1008.4	30	3.6	2	3.96
lawn	928.6	213.5	30	6.3	1.5	5.91
lax	1549.6	1218.6	30	1.9	1.4	3.57
lay	1250.7	653.3	29	3.8	2.3	
laze	1636.5	1130.4	30	1.9	1.2	
leach	1290.4	711.3	29	5	2.5	
lead	1450.4	714.4	29	4.7	2.1	
leaf	1158	503.2	30	6.8	0.6	6.02
league	1631.9	1164.6	29	4.7	2.3	
leak	1261.2	607.9	30	4.9	2.2	
lean	1502.3	661.5	30	4	1.9	4.66
leap	1552	788.2	31	4.9	2.2	4.88
leapt	1352.3	741.9	28	3.7	2.2	
learn	1583.1	920.2	27	2.9	2.1	3.55
lease	1754.5	1193.9	31	3.3	2.1	4.20
leash	1275.1	588.4	29	5.9	1.8	
least	1412.7	845.4	29	2.3	1.6	2.96
leave	1628.1	1177.4	30	3.9	2.4	
led	1520.1	905.2	30	2.9	2.1	3.88
ledge	1519.9	838.6	29	5.1	2.2	
leech	1058.3	278.3	31	6.2	1.6	
leek	1454.5	812.6	30	2.9	2.4	
leer	1132.5	465.1	30	2.6	1.8	
left	1747	1157	30	4	2.5	3.57
leg	935.4	262.5	31	6.8	1	5.95
lend	1478.1	909.6	28	3.2	2	
length	1657.8	1387.1	31	3.7	2.2	
lens	1408.7	865.9	31	5.9	1.8	5.39
lent	1741.9	1125.8	27	3	1.9	
less	1333.9	669.4	29	2.7	2	2.80
lest	1396.8	684.4	30	2.1	1.6	
let	1222.7	728.7	28	1.9	1.5	
lewd	1294.3	681	30	2.4	1.6	
lice	1154.1	430.7	31	6	1.8	5.16
lick	1271.9	666	29	5.3	2	
lid	1396.4	894.3	30	6.5	0.9	
lie	1369	637.2	30	3.2	2.1	3.75

lieu	1371.5	918.6	30	1.6	1.6	
life	2099.1	1319.6	29	3.9	2.2	5.32
lift	1305.3	711.1	31	4	2.3	4.55
light	1253.7	622.7	29	5.3	2.1	5.24
like	1477.1	1031	30	2.7	1.9	3.77
lilt	1390.9	820.7	29	2	1.7	
limb	1381.9	717.3	30	5.9	1.8	5.66
lime	1092.6	490.5	31	5.8	2.3	5.87
limp	1385.5	833.5	31	5	2	5.06
line	1447.1	1023	30	5.5	2.1	4.86
link	1399.3	825.5	31	4	2.2	
lint	1249	618.8	30	5.2	2.4	5.07
lip	1222.9	981.2	30	6.8	1.1	
lisp	1618.9	744.6	30	3.1	2.3	
list	1478.9	883.7	30	4.9	2.2	
lit	1305.1	627.5	31	3.8	2.4	
lithe	1341.1	678.3	30	2.1	1.7	
live	1649.1	945.1	29	3.5	2.1	
load	1501.8	997.1	30	4.3	2.2	4.55
loaf	1173.9	528.7	30	5.7	2	
loan	1459.5	897.2	30	4.1	2.4	4.65
loath	1567.6	816.2	29	2	1.1	
loathe	1500.5	1122.3	29	2.6	2	
lob	1387.6	756	31	2.2	1.9	
lobe	1484.9	807.7	29	4.4	2.3	
lock	1238.8	806.6	31	5.6	2	4.39
lode	1570.3	975.4	30	1.9	1.7	
lodge	1370.4	1058.9	30	5.1	2.4	
loft	1288.7	579.8	30	4.4	2.4	
log	1123.9	652.7	30	6.3	1.8	
loin	1711.1	1049.2	30	4.5	2.5	
lone	1342.3	819.4	29	2.9	2.2	4.51
long	1347.3	940.5	29	3.6	2.2	5.09
look	1500.3	957.7	30	3.9	2.1	4.39
loom	1450.3	746.5	31	3.3	2.1	
loon	1653	898.9	31	3.7	2.4	3.42
loop	1315	723.8	31	4.9	2.5	4.86
loose	1559.5	1170.8	29	3.2	2.1	
loot	1349.2	688	30	4.2	2.3	5.73
lord	1339.4	687.5	30	5.1	2.3	4.86
lore	1514.8	941.5	29	2.2	1.6	
lose	1259.9	626.5	26	3	2.1	3.67
loss	1660.7	1117.1	31	2.6	1.7	3.95
lost	1389.8	1025.5	30	3.1	2.1	
lot	1470.8	1249.1	30	3.3	2.3	
loud	1510.3	914.4	30	3.5	2.4	4.51
lounge	1174.5	869.3	31	5.3	1.9	
louse	1593.5	745.6	29	3.4	2.2	
love	1696	924.3	30	4	2.4	5.77
low	1113.6	552.4	29	2.8	2.1	3.63
luck	1602.1	1300.3	29	2.4	1.7	

lug	1594.5	779.2	29	2.8	2.1	
lull	1346.4	928.5	31	2.3	2	
lump	1428.2	1425.6	31	5	1.8	
lunch	1253.1	678.5	30	5.3	2.2	6.00
lung	1126.7	562.7	31	5.5	2.4	5.70
lunge	1655.4	683.8	31	3.6	2	
lurch	1498.4	1210.5	29	3.3	2.2	
lure	1333.7	758.7	31	3.6	2.2	3.83
lurk	1398.5	1056.8	31	3	2.1	
lush	1752.1	1014.5	30	3.2	2.2	
lust	1468.8	633.3	27	3.8	2	4.38
lute	1354.7	819.9	30	2.8	2.3	4.23
lye	1611.2	730.6	30	2.8	2.1	
lymph	1922.8	1137.8	30	2.5	1.8	
lynch	1453.8	903.6	31	3.4	2.5	
lynx	1445.5	1081.7	30	4	2.7	
lyre	1299.1	546.7	30	2.2	2.1	
ma	1534.6	1205.4	30	3.8	2.8	
mace	1686.2	1124.2	31	5	2.2	
mad	1326.4	742	29	3.8	2.3	4.86
made	1438.7	973.9	30	2.1	1.6	3.45
maid	1172.9	521.2	30	6.1	1.6	
mail	992.4	363.6	31	6.3	1.6	5.42
maim	1564.5	1016.8	31	2.4	2	
main	1718.1	823	29	2.5	1.8	2.95
maize	1721.8	887.1	30	3.7	2.3	
make	1337.6	667.1	29	2.8	2.2	3.32
male	1257.8	595.2	31	5.5	2.2	5.93
mall	1320	866.6	31	6.5	1.3	
malt	1572.5	693.9	29	4.5	2.3	
man	1089.9	774.2	31	6.2	1.4	5.41
mane	1242.6	602.3	30	5	2.3	5.22
map	1209.3	735	31	5.9	2	5.81
mar	1165.7	598.2	30	1.9	1.6	
march	1426.4	802.6	30	5.1	2.3	4.80
mare	1289.4	623.2	28	5.3	2.4	5.23
mark	1568.9	1074.2	30	4.6	2.2	4.28
marsh	1306.2	564.1	29	4.9	2.2	
mart	1558.7	693.4	30	3.4	2.4	
mash	1576.4	956.8	31	4.1	2.2	4.66
mask	1112.2	493.7	29	6.3	1.4	
mass	1693.4	1043.2	31	3.7	2.3	4.89
mast	1347.4	608.4	29	3.7	2.4	4.98
mat	1420.1	648.3	30	6.3	1.7	5.31
match	1540.2	1094.5	28	5.1	2.6	4.84
mate	1395.4	669.7	30	4.8	2.2	5.00
math	1467.1	788.4	28	4.2	2.5	4.81
maul	1536.3	884	30	2.8	2.1	
mauve	1455.4	749.7	28	4.1	2.6	
may	1475.7	885	30	3.2	2.4	3.64
maze	1213	630.2	29	5.9	2	5.48

me	1448.3	987.2	30	3.5	2.7	5.07
mead	1664.9	1474	31	2.6	2	
meal	1268.7	583.7	29	6	1.2	5.67
mean	1714.2	1238.1	30	2.8	2	4.13
meant	1436.6	1297.3	31	1.9	1.5	2.76
meat	981.7	418.7	31	6.3	1.6	6.06
meek	1393.3	910.2	30	2.8	2	3.86
meet	1348.1	833.5	28	2.7	2	4.32
melt	1386.7	605.8	30	4.1	2	4.55
men	1170.1	512	30	5.4	2.4	5.88
mend	1335	986	30	3.7	2.2	
mere	1365.7	941.1	30	1.6	1	
merge	1602.5	1180.5	30	3.5	2.4	
mesh	1382.5	913	30	4.2	2.5	
mess	1807.6	1359.9	31	4.2	2.3	
met	1269.2	641.6	30	2.5	2.1	
mew	1455.9	510.7	27	2.4	2.2	
mice	1326.6	1170.9	29	6.8	0.5	
mid	1600.3	1021.3	30	2.5	1.9	
midst	1576.9	883.8	29	2.2	1.6	
miff	1730.8	1424.6	31	1.9	1.4	
might	1505.1	940.8	30	2	1.6	4.15
mike	1868.9	1227	29	4.7	2.5	
milch	1336.7	846	28	2.2	1.9	
mild	1510.9	1205.6	30	3	1.8	3.72
mile	1432.9	1064.6	31	4.7	2.3	5.11
milk	976.8	437.5	31	6.5	1.5	6.32
mill	1139.2	544	30	5.3	2.5	
mime	1434	948.1	29	5.1	2.2	
mince	1744	1124.3	30	3.1	2.2	4.13
mind	1624.2	1061.5	29	3.4	2.4	3.96
mine	1655	1163.6	30	3.5	2.6	5.16
mink	1345.5	615.7	31	5.9	1.6	
mint	1101	365.3	30	5.4	2.2	
mirth	1392.3	989.6	31	1.8	1.2	
miss	1625.4	1130.2	31	2.6	2.1	4.59
mist	1235.9	569.4	30	5	2.3	
mite	1661.9	1268.5	31	3.5	2.4	3.81
mitt	1504	848.9	28	4.7	2.6	
mix	1423.8	732.6	29	3.4	2.1	
moan	1533.1	563.9	30	3.9	2.2	
moat	1387.3	595.9	30	4.4	2.5	
mob	1437.4	902.5	27	5	2.1	
mock	1555.1	952.2	29	3	2.1	
mode	1629.8	1254.7	30	2.9	2.2	
moist	1391	717.2	30	4.1	2.3	
mold	1279.3	664.5	31	5.5	2	4.48
mole	1046.8	384.8	31	6	2.2	5.61
moll	1652.2	1158.5	28	2.1	1.8	
monk	1176.6	651.6	30	5.9	2.1	
month	1641.2	1239	30	4.4	2.4	

mooch	1648.1	1260.8	30	3	2.2	
mood	1395.1	936.3	28	3.2	2.2	
moon	1052.6	498.4	30	6.8	0.7	5.72
moor	1450.8	903.4	31	3	2.1	
moose	923.7	262.7	30	6.7	1.1	5.98
moot	1337.4	831.7	31	1.4	0.9	
mop	1186.6	655.4	30	6.4	1.5	
mope	1456.2	577	29	3.3	2.2	
morgue	1421	723.9	29	6	1.6	
morn	1617.9	934.3	28	3.7	2.5	
mosque	1863.2	1065.1	30	3.2	2.4	
moss	1169.6	458.5	30	6.4	1.4	5.32
most	1386.9	1074.5	30	2.3	1.9	3.00
moth	1024.6	483.5	31	6	2.2	5.71
mound	1354.1	715.9	29	5.4	2.1	
mount	1430.9	677.3	28	4.8	2.1	
mousse	1662.7	1031.9	30	4.3	2.5	
move	1174.2	551.7	28	3.2	2.1	4.63
mow	1666	806.2	30	4.6	2.3	
much	1332.5	843.1	31	2.2	1.6	3.65
muck	1444	842	31	2.9	1.9	
mud	1045.2	590.4	29	6.5	1.4	5.79
muff	1597.7	1011	29	3.6	2.2	
mug	985.7	449	31	6.2	1.6	5.68
mulch	1334.1	750.6	29	5.6	2	
mule	1172.2	746.4	31	6.3	1.8	5.89
mull	1500.7	1103	30	1.7	1.1	
mum	1482.1	840.4	31	3.8	2.5	
mumps	1400	744.1	31	4.6	2.5	
munch	1562.2	965	31	4	2.3	
murk	1487	772.9	29	2.5	1.5	
muse	1575.4	1250	27	2.8	2.3	
mush	1345.6	1129.2	29	4	2.4	
musk	1928.4	1517.1	30	3.7	2.1	
muss	1212.2	765.4	30	1.9	1.6	
must	1402.5	877.2	28	1.9	1.7	2.65
mute	1704.9	999.1	31	3	2.1	
mutt	1489.9	759.4	31	5.3	2.2	
my	1332.9	989.3	30	1.7	1.4	
myth	1890.4	1233.6	27	3.5	2.2	3.53
nab	1479.5	1183.9	31	2.1	1.7	
nag	1211.7	619.2	28	3.1	2.4	
nail	1357.1	796.5	31	6.6	1	5.46
name	1529.1	1177.5	30	4.2	2.5	4.69
nap	1326.9	759.5	31	4.7	2.4	
nape	1611.1	1008.1	31	2.9	2.4	
naught	1432.2	832.8	30	1.7	1.2	
nay	1287.9	715.7	31	2.3	1.9	
near	1357.4	860.5	27	3.3	2.2	4.37
neat	1577	1148.7	31	3.5	2.3	4.89
neck	1255.6	631.3	31	6.5	1.2	6.16

need	1332.5	804.7	31	2.4	1.8	3.21
neigh	1591.6	779.8	30	2.9	2.3	
nerve	1435.1	862.8	30	4.4	2.5	4.67
nest	1289.4	617.3	29	6.2	1.8	5.65
net	1287	913.6	30	5.9	1.9	5.14
new	1205.9	407.5	29	3	2.3	4.50
newt	1515.3	1011.4	30	3.3	2.5	
next	1348.4	1150.4	30	2.2	1.7	3.80
nice	1477.5	714.7	30	3	2.1	4.20
niche	1455.3	838.6	30	2.9	2	
nick	1652.4	872.7	30	4.2	2.3	
niece	1557	1053.1	29	5.4	2.3	
nigh	1603.5	915.8	30	1.8	1.5	
night	1286.6	581	29	5.8	1.9	5.82
nil	1139.1	568.3	30	1.9	1.5	
nine	1202.9	437.4	29	6.1	2.2	4.88
ninth	1399.4	728.5	31	4.9	2.6	
nip	1523.4	980.9	29	3.5	2	
nix	1347.2	536.7	30	1.7	1.3	
no	1257.3	567	30	2.1	1.9	3.55
nod	1213.5	705.1	29	4.1	2.5	
node	1608.3	898	30	2.4	1.9	
noise	1337.1	996.2	28	3.9	2.6	
none	1406.7	738.3	30	2.6	2	4.19
nook	1309.7	774.1	31	3.6	2.3	
noon	1588.7	894.8	31	4	2.3	
noose	1426.5	609.2	30	5.9	2.2	
nor	1341.8	1007.3	30	1.5	1	
norm	1564.6	1084.3	27	2.5	1.9	6.01
north	1464.9	704.4	30	4.5	2.4	
nose	976.9	404.1	30	6.4	1.4	
not	1290.1	1106.6	31	2	1.5	2.47
notch	1710.8	1180.8	31	4.1	2.1	
note	1348.2	708.9	31	5.5	2.4	4.95
noun	1584.1	818.7	30	2.7	2	3.98
now	1141.4	709.9	29	1.9	1.6	3.16
nub	1470.7	846.4	31	2.7	2	
nude	1503.1	873.3	30	5.8	1.8	
nudge	1307.6	580.7	31	4.1	2.1	
null	1596.9	1282.3	31	2.3	1.7	
numb	1563.8	701.9	30	2.8	2.1	4.71
nun	986.3	277.6	30	5.9	2.2	6.00
nurse	1173.8	502	29	6.4	1.1	6.07
nut	1081.4	557.3	30	6.2	1.9	
nymph	1751.4	863.2	29	4	2.3	
oaf	1602.8	933.1	31	2.5	1.9	
oak	1157.3	641.5	30	6	1.9	5.50
oar	1322.7	596.8	31	5.9	2	
oat	1339.8	770.6	29	5.6	2.3	
oath	1515.1	750.9	28	3	2	
odd	1412.3	1468.2	31	2.7	2.1	



ode	1352.9	861.4	29	2.2	2	
of	1193.4	1019.3	30	1.5	1.3	
off	1553.8	1447.1	31	2.6	1.9	3.47
oft	1295.5	1027.6	31	1.5	1	
oil	1263.2	713	29	6.4	1.4	5.21
old	1533	664.8	31	4.3	2.3	4.91
on	1281.3	1032.1	30	1.9	1.8	
once	1520.9	1080.8	31	2	1.5	3.16
one	1520.1	1011.5	31	4.9	2.7	4.45
ooze	1515.6	935.3	28	4.6	2.3	
opt	1372.5	773.5	29	1.4	0.7	
or	1270.5	1114.9	31	1.4	1	
orb	1505.2	949.3	31	2.8	2.4	
ore	1432.9	829.9	30	4	2.4	
ouch	1304.4	628.4	31	3.2	2.3	
ought	1662.2	1315.4	31	1.5	1.2	
ounce	1456.8	745.8	29	4	2.3	4.51
our	1255.8	644.9	30	1.8	1.5	3.09
oust	1212.2	610.6	30	1.7	1.1	
out	1222.7	695.9	29	2.2	1.9	3.37
owe	1361.5	575.3	28	2.1	1.5	
owl	1025.2	677	31	6.5	1.6	5.85
own	1196.3	774.6	30	2.2	1.7	3.31
ox	1066.2	465.3	31	6.3	1.8	
pa	1420.1	1033.5	31	4.2	2.6	
pace	1505.8	1201.8	29	3.3	2.2	
pack	1452.6	768.3	31	4.6	2.2	
pact	1724.6	1217.7	30	2.4	1.8	
pad	1599.9	1112.3	31	4.7	2.6	
page	1327.9	877.5	31	5.9	1.9	5.72
pail	1502.4	924.9	31	5.3	2.2	5.02
pain	1684.9	1586.9	31	4.3	1.9	4.96
paint	1107.3	504.2	29	6.3	1.6	5.63
pair	1762.2	933.7	28	4.3	2.1	4.74
pal	1642.6	786.8	29	4.6	2.1	
pale	1434.5	1155.1	29	4.2	2.3	5.26
pall	1439.2	1035.1	28	1.9	1.5	
palm	1380.2	758.1	30	6.7	1.2	5.36
pan	1108.4	540.9	31	6.3	1.7	5.26
pane	1684.3	1079.6	30	4.2	2.3	4.04
pang	1594.4	1032.6	30	2.5	1.9	
pant	1553.7	1066.7	28	4.3	2.3	
pants	1122.5	423	30	6.8	0.8	6.24
pap	1649.8	803.1	31	2.8	2.5	
par	1482.9	873.4	30	2.3	1.8	
pare	1763.1	1356.9	31	2.1	1.7	
park	1259.7	672.1	30	6.5	1.2	5.61
part	1555	828.5	30	3.3	2.3	3.07
pass	1299.7	867.8	30	4.1	2.4	4.73
past	1505.8	1230.7	30	2.7	2	4.40
paste	1456.6	832.3	29	5.4	1.9	5.23

pat	1355.5	925.4	31	4.4	2.5	3.80
patch	1356.5	851.2	28	5.4	2	5.23
path	1381.2	1241.8	31	5.5	2	5.31
paunch	1394.2	628.4	31	1.7	1.2	
pause	1607.7	945.7	28	2.7	1.9	3.34
pave	1561.1	869.8	30	4.5	2.3	
paw	1392.3	658.7	29	6.4	1	
pawn	1374	666.8	29	5	2.3	4.73
pay	1499.6	822.8	31	4.3	2.2	
pea	1104	420.2	31	6.8	0.6	5.62
peace	1566.6	1117.1	31	3.6	2.2	4.40
peach	1234.1	625.3	31	6.9	0.6	5.77
peak	1465.6	835.4	27	4.8	2.4	
peal	1951.3	1142.4	29	4.7	2.2	4.27
pear	1321.4	837	31	6	1.8	5.84
pearl	1135.6	691.5	30	6.4	1.4	5.84
peat	1596.3	965.8	30	2.2	1.7	
peck	1468.6	1181.7	31	4.2	2.2	
peek	1198.4	597.4	30	4	2.4	
peel	1402.4	874.2	31	5.4	2	4.30
peep	1282.1	499.5	30	4.2	2.3	
peer	1522.8	991	31	3.9	2.4	3.70
peeve	1288.2	710.4	29	2	1.7	
peg	1376.5	710.8	29	5.1	2.2	5.32
pelt	1603.6	1168.7	30	3.5	2.2	5.09
pen	1226	943.6	31	6.6	1.2	5.70
pence	1595.9	866	30	1.8	1.3	
pent	1513.7	883.1	29	2.5	1.9	
pep	1564.9	1026.7	30	3.2	2.2	
per	1386	830.7	31	1.7	1.6	
perch	1306.3	564.4	29	4.7	2.1	
perk	1405.2	1002.8	31	2.8	1.9	
pert	1075.9	457.8	29	2	1.4	
pest	1484.3	844.8	30	5	2.2	
pet	1252.8	917.6	31	6.4	1.2	5.89
pew	1217.4	618.8	30	4.2	2.6	5.45
phase	1744.8	1157.4	29	3.1	2.3	3.13
phone	1027.4	388.8	29	6.6	1.3	5.81
phrase	1553.6	1273.1	30	3	2.1	3.36
pick	1424.8	773	29	3.8	2.4	5.07
pie	1060.6	449.8	31	6.7	0.9	5.98
piece	1414	626.6	31	3.8	2.4	3.89
pier	1269.1	569.8	31	6.2	1.7	5.39
pierce	1455.1	776.2	31	5	2	
pig	912.9	430.1	31	6.8	0.7	
pike	1963.3	1115.9	29	4.2	2.4	
pile	1588.1	1028	31	4.8	2.3	5.07
pill	1181.7	680.9	31	6.8	0.6	5.74
pimp	1434.7	708.1	30	5.6	1.9	
pin	1339.8	882	29	6	1.9	5.43
pinch	1115.8	432.6	29	4.7	2.3	

pine	1195.9	678.7	31	6.4	1.5	6.11
ping	1701.6	985.5	30	3.1	2.2	
pink	1054.6	473.7	31	5.4	2.4	
pint	1473.3	781.9	31	5.2	2.3	4.81
pip	1781.2	1197.4	29	1.7	1.2	
pipe	1117.3	575.5	30	6.3	1.5	5.82
pit	1258.1	529.8	30	5.2	2.2	
pitch	1260.1	423.2	27	4.9	2.2	
pith	1396	656.4	30	1.9	1.6	
place	1569.5	1283.5	30	3.7	2.4	3.76
plague	1461.6	679.9	30	4.4	2.2	
plaid	1608	841	28	5.7	1.8	
plain	1573	880.5	30	3.5	2.4	4.34
plan	1598.1	1247.5	30	2.8	2	3.75
plane	1063.3	542.6	29	6.8	0.8	5.50
plank	1279.4	605.6	31	4.9	2.5	
plant	1087.2	456.6	28	6.3	1.6	5.89
plaque	1687.1	1141.8	28	5.1	2.1	
plate	1363.8	989.9	31	6.4	1.3	5.21
play	1391.7	758.5	31	4.5	2.1	4.49
plea	1506.4	1060.3	27	2.9	2	3.41
plead	1390.4	799.4	31	3.7	2.3	
please	1497.5	968.7	30	2.4	2	
pleat	1825.5	1196.8	31	2.9	1.8	
pled	1423.9	880.9	30	2.8	1.9	
pledge	1475.8	765.2	31	3.7	2.4	4.20
plight	1480.5	930.6	31	2	1.4	
plod	1618.9	1057.4	29	1.8	1	
plop	1154.3	482.1	30	3	2.1	
plot	1548.5	795.8	31	3.2	2.2	4.39
plow	1151.7	442.7	31	5.6	2.1	5.63
ploy	1353.3	650.8	30	2.1	1.7	
pluck	1473.2	848.8	30	4.1	2.3	
plug	1425	797.9	27	4.9	2.4	
plum	1050.7	393.7	31	6.4	1.6	6.05
plumb	1700.1	826.8	27	3.7	2.6	4.95
plume	1649.3	936.7	31	3.4	2.3	
plump	1563.6	757.3	31	4.3	2.4	
plunge	1710.7	1148.1	30	3.7	2.5	
plunk	1791.3	1105	31	2.2	1.6	
plus	1593.3	1110.9	29	3	2.2	
plush	1396.7	777.9	30	3.2	2.2	
ply	1222	623.7	31	2	1.6	
poach	1883.4	1393.7	31	3.9	2.3	
pod	1566.9	721.7	31	4	2.3	
point	1478.1	601.5	31	5.2	2	4.75
poise	1490	755.3	30	3.2	1.9	
poke	1241	566.4	30	4.5	2	
pole	1135.7	525.9	29	5.8	2.1	5.68
poll	1476.2	755.4	29	3.7	2.5	4.82
pomp	1493.5	669.3	29	1.7	1.4	

pond	904.8	296.5	31	6.5	1.4	
pooch	1493	837.6	29	5.1	2.2	
poof	1653.1	1016.6	31	3.3	2.2	
pool	1131.9	723.3	31	6.7	0.8	
poop	1324	700.1	30	6.3	1.5	
poor	1431.3	657.6	31	4	2.3	4.25
pop	1349.8	456.8	30	6.1	1.4	
pope	1119.1	312.9	30	6.4	1.6	5.70
porch	1210.8	1000.6	31	6.8	0.5	
pork	1175.3	660.8	30	6.4	1.4	5.16
port	1550.8	1229.9	27	4.3	2.5	5.19
pose	1622.3	1265	31	3.6	2.4	
posh	1285.4	658.3	30	1.8	1.3	
post	1509.9	788.2	31	5.4	2.1	5.25
pot	1069	559.6	30	6.2	1.7	5.98
pouch	1486.7	837.2	30	5.7	1.7	
pounce	1390.1	688	31	4.4	2.4	
pound	1277.8	514.9	25	4.1	2.4	5.35
pour	1356.1	865.3	31	4.9	2.1	4.89
pout	1482.4	1043.6	31	4.4	2.2	
pox	1445.8	794.4	31	2.7	2.1	
praise	1224.3	585.1	30	4.1	2.2	4.61
prance	1592.2	736.9	31	3.7	2	
prank	1473.8	1046.7	29	3.9	2.3	
pray	1404.9	807.5	31	5	2.3	4.38
prayer	1440.5	525.5	29	5.2	1.8	
preach	1772.8	1243.9	29	4.6	2	
press	1437.2	790.9	30	4.8	2.3	
prey	1515.9	802.1	31	4.3	2.2	5.11
price	1434.9	583.6	29	3.6	2.3	
prick	1698.2	1091.3	30	3.9	2.2	
pride	1554.5	856.3	29	2.8	1.9	4.05
priest	1057.6	419.5	30	6.3	1.7	5.40
prim	1455.8	819.1	31	2.1	1.5	
prime	1707.1	1015.8	30	3.1	2.4	3.80
primp	1612.6	832.9	29	3.8	2.3	
prince	1289.5	630.7	30	6.4	1.1	6.00
print	1788.3	1173.1	31	5.3	2.1	
prize	1226.9	485.3	30	5.5	1.9	5.11
pro	1559.7	1041.8	31	3.1	2.1	
probe	1587.4	1011.4	30	4	2.1	
prod	1426.8	816.3	31	3.3	2.2	
prom	1195.6	565.3	30	5.8	1.9	
prompt	1665.1	1007.6	29	2.5	1.9	
prone	1540.1	1249.5	29	2.2	1.8	
prong	1441.3	811.1	29	4.4	2.2	
proof	1530.5	928.9	31	3.1	2.1	3.78
prop	1455.9	813.1	30	4.2	2.6	4.44
prose	1465.5	906	29	2.1	1.4	
proud	1604.3	819.7	30	2.9	2.3	4.18
prove	1242.4	754.4	29	2.4	1.8	

prow	1564.5	1029.2	31	2.6	2	
prowl	1522.6	1241.8	29	4.5	2.2	
prude	1230.6	608.9	31	2.7	2	
prune	1203	534.6	31	5.7	2.3	
pry	1243.4	633.5	29	3.5	2.4	
psalm	1948.6	1218.3	29	4.3	2.5	4.21
pub	1379.1	756.1	29	5.6	2	
puck	1417.7	583.6	31	4.8	2.5	
puff	1328.3	878	30	4.3	2.3	
pug	1561.4	704.6	30	4.1	2.7	
puke	1178.4	432.7	30	5.7	2.1	
pull	1299.3	721.1	28	4.1	2.5	4.40
pulp	1423.1	947.5	30	4.6	2.4	
pulse	1726	1066.5	29	4.7	2.3	
pump	1463.1	788.7	31	4.8	2.3	5.81
pun	1227.8	611.1	31	2.6	2	
punch	1375	878.7	31	5	2.1	4.96
punk	1459.5	1041.4	29	4.3	2.4	
punt	1217.6	582.8	26	3.9	2.5	
pup	1070.7	433	30	6	2	6.18
pure	1487.5	1019.7	31	3.7	2.2	
purge	1356.3	543.9	30	3.6	2.1	
purr	1286	454.7	30	4.6	2.3	
purse	1216.8	584.6	31	6.5	1.2	5.61
pus	1445.9	833.9	31	3.8	2.5	
push	1563.5	770.7	31	4.1	2	
put	1420.1	1121.2	29	2.2	1.7	2.57
putt	1670.7	949.6	29	4	2.4	
pyre	1628.5	1165.9	29	2.4	1.9	
quack	1638.2	741.7	30	4.3	2.2	4.40
quad	1842.8	1165.9	30	3.2	2.3	
quail	1273.4	804.9	29	5.7	2.1	
quaint	1745.4	1354.1	30	2.4	1.8	
quake	1561	864	30	4.9	2.1	4.57
qualm	1276.2	594.7	31	1.8	1.7	
quart	1613.4	1128.6	31	5	2	5.39
quartz	1490.8	795.8	31	5	2.3	
quay	1309.5	855.4	30	1.9	1.5	
queen	1197.7	570.9	29	6.6	0.9	5.94
queer	1784.8	738	29	4	2.3	
quell	1436.3	864.3	30	2	1.5	
quench	1632.7	1128.7	30	3.3	2.1	
quest	1533.7	904.3	30	4	2	
queue	1729.1	1113	30	1.5	1.1	
quick	1486.6	647.8	29	2.9	1.8	3.52
quill	1365.9	683.8	29	4.9	2.1	5.24
quilt	1292.4	555	31	6.7	0.8	
quip	1454.4	894	29	1.8	1.5	
quirk	1648.2	1054.5	29	2.6	2	
quit	1729.5	801.6	31	2.9	2.1	
quite	1268	755.7	27	2.5	2.1	

quiz	1466.8	592	29	4.8	2.3	
quote	1199.5	498.4	31	3.9	2.5	
race	1658.8	868.3	29	5.1	2.1	4.51
rack	1317.1	575	29	5.3	2.1	4.33
raft	1159.6	438.9	29	6	1.4	
rag	1493.3	1110	30	6.3	1.5	
rage	1325.4	726.7	29	3.6	2.4	
raid	1692.4	1220.2	28	3.4	2.3	4.82
rail	1305.7	754.2	30	5.6	2	5.50
rain	1118.5	864.4	30	6.3	1.6	5.89
raise	1329.3	478.2	29	4	2.4	4.12
rake	1061	385.6	30	6.2	1.4	5.61
ram	1304	847	31	5.3	2.1	5.40
ramp	1382.9	683.5	31	5.5	2.2	5.21
ran	1579.6	943.8	29	4.3	2.1	
ranch	1113.3	517.5	31	5.8	2.1	
rang	1577.9	792.9	31	3.4	2.2	
range	1592.7	837.4	30	3.5	2.3	
rank	1515.4	932.1	29	3.4	2.4	
rant	1505.3	967.4	31	2.6	1.9	
rap	1770.9	1104.2	31	4.3	2.4	3.82
rape	1649.3	874.9	28	4.8	2.2	
rapt	1340.3	1138.1	31	2.4	1.8	
rare	1717.6	1489.4	28	2.5	1.9	4.33
rash	1433.2	1167.9	31	5.5	2	5.14
rasp	1328.6	759.7	31	2.8	2	
rat	908.7	297	31	6.8	1	5.82
rate	1447.5	715.1	29	2.6	1.8	3.46
rave	1435.3	883.7	30	3.9	2.3	
raw	1572.1	900.5	30	4.3	2.3	4.64
ray	1633.1	935.1	30	4.3	2.4	
rays	1514.1	760.4	29	4.2	2.2	
reach	1348.1	758.4	30	4.3	2.2	3.85
realm	1505.4	871.7	31	2.7	2	
ream	1448.7	1308	31	2.2	1.8	
reap	1413.3	775.2	30	3	2.1	4.02
rear	1569.4	971.9	31	4.5	2.1	4.49
red	1095.1	436.1	31	6	2.1	5.88
reed	1486.6	1039.7	29	3.9	2.3	5.08
reef	1631.7	1033.4	29	4.3	2.4	
reek	1532.9	1074.4	31	3	2.3	
reel	1645.7	1024.6	28	5	2.2	4.81
reign	1628.5	805.9	30	2.8	2.1	3.86
rein	1755.6	1434.1	30	3.7	2.4	
rend	1440.3	848.3	29	1.6	1	
rent	1508.6	872.4	26	4	2.1	4.24
rest	1476.3	798.5	31	3.8	2.3	3.63
retch	1434.7	764.2	31	2.8	2	
rev	1574	924.2	29	1.9	1.4	
rhyme	1451.9	1121.3	30	3.7	2.4	
rib	1202.5	493.3	30	6.5	1.2	5.80

rice	1362.8	1333.1	31	6.8	0.8	5.00
rich	1359.6	668.6	31	4.3	2.3	4.68
rid	1628.4	1293.6	30	2.2	1.6	
ride	1335.5	837.6	30	4.6	2	4.70
ridge	1385.1	692.1	29	4.9	2	
rift	1579.1	960.8	31	3.3	2.3	
rig	1883.1	1190.8	30	4	2.2	
right	1609.4	1014.8	31	3.6	2.5	3.76
rile	1611.6	955.6	29	1.7	1.3	
rim	1426.6	646.5	28	4.7	2.3	5.03
rind	1502.5	798.3	30	3.4	2	
ring	1383	1130.6	29	6.2	1.6	5.74
rink	1717.2	1193.3	29	4.2	2.5	
rinse	1569.8	1234.8	30	4	2.1	
rip	1396.7	925.8	30	4.7	2	
ripe	1282.4	644.2	31	4.7	2.2	4.84
rise	1386.7	979.3	31	3.3	2.1	4.45
risk	1507.8	741.1	30	2.4	1.8	
rite	1458.1	829.3	31	2.1	1.4	3.47
roach	1045.5	392.5	30	6.6	1.2	
road	966	329	31	6.6	0.9	5.80
roam	1197.5	535.6	31	3.9	2.3	
roar	1433.1	1366.3	29	4.1	2.2	
roast	1141.3	567.6	30	5.7	1.8	
rob	1394.7	655.6	31	4.2	2.1	
robe	1011.9	480.1	30	5.9	2	
rock	1077.1	497.1	31	6.4	1.4	6.13
rod	1266.1	612.2	30	5.9	1.7	5.52
rode	1233.4	649.8	29	3.7	2.2	4.45
roe	1456.7	718.5	30	2	1.6	
rogue	1571.2	907.5	31	4	2.2	
role	1710.8	1244.9	30	3.4	2.2	3.79
roll	1157.1	494.6	29	4.5	2.4	4.90
romp	1315.8	930.2	29	3.3	2.4	
roof	1161.2	705.1	31	6.4	1.5	5.98
rook	1452.9	780.8	29	4	2.6	
room	1183.8	341.6	31	5.6	2.1	5.34
roost	1408.6	829.1	26	4.4	2.3	
root	962.3	427.3	31	6	1.8	5.59
rope	1374.2	1139	29	6.6	1.3	6.00
rose	1078.1	862.9	28	6.7	1.3	6.17
rot	1394.5	824	30	3.6	2.4	
rouge	1468.2	1238.8	30	3.9	2.3	
rough	1535	883.5	30	3.2	2.1	4.96
round	1369	1001.7	30	5.4	2	5.82
rout	1258.9	579.9	28	2.2	1.8	
route	1139.7	540.5	28	4.7	2.4	
rove	1437.5	1073	31	2.5	1.9	
rub	1159.2	703	31	4.4	2.4	
rude	1361.2	845	31	3	2	
rue	1242.9	722	30	2.1	1.5	

rug	868.8	304.4	31	6.5	1.3	5.57
rule	1331.4	659.5	28	3.5	2	4.09
rum	1399.1	944.6	30	5.4	2.2	5.54
rump	1528.1	719.2	29	4.7	2.2	
run	1425.9	976.2	31	4.6	2.2	
rung	1602.5	1073.9	30	3.9	2.3	
runt	1183.7	499.7	30	3.8	2.6	
rush	1310.3	979.6	30	3.9	2.1	3.98
rust	1205.4	564.5	29	5.3	2.1	
rut	1886.6	1496	29	4.1	2.4	
rye	1345.1	529.2	28	3.9	2.6	
sack	1163.3	559.7	30	5.5	2.2	5.42
sad	1462.6	1064.4	31	3.9	2.5	3.98
safe	1829.8	1230.3	31	4.1	2.3	4.68
sag	1611.4	899.5	29	3.6	1.9	
sage	1254	522.1	30	4.7	2.5	4.28
said	1378	990.2	30	2.1	1.9	3.07
sail	1244	718.7	30	6	1.4	5.91
saint	1509.3	614.3	31	5.5	1.8	3.88
sake	1553.3	888.4	30	2.3	1.7	
sale	1607.8	949.6	28	3.8	2.3	4.16
salt	1082.5	552.5	31	6.2	1.7	5.54
salve	1412.3	676.9	29	2.6	1.9	
same	1376.8	894	30	2.4	1.8	3.20
sand	1225.9	788	30	6.7	0.8	6.06
sane	1535.9	960.9	30	2.5	1.7	3.58
sang	1337.7	709.5	30	3.2	2.1	
sank	1587.7	1013.6	31	3.9	2	
sap	1614.9	1093.5	30	4	2.5	
sash	1517.2	662.4	31	4.1	2.5	
sat	1476.8	724.5	29	3.7	2.2	
sauce	1379.1	796.2	31	5.7	2	
save	1326.4	682.3	30	2.9	2.2	4.25
saw	1400.3	1091.7	31	3.9	2.6	4.76
say	1502.6	1312.5	31	2.8	2.1	
scab	1512.1	1132.5	30	5.7	2.1	
scald	1604.6	1239.8	31	3.4	2.1	
scale	1463.6	891.7	30	4.8	2.2	4.60
scalp	1193.1	426.2	29	5.9	2	
scamp	1419.7	977.7	30	2.6	2	
scan	1549.5	847.2	30	3.7	2	
scant	1208.2	588.3	30	2	1.4	
scar	1130.6	372.5	28	6.2	1.5	5.59
scarce	2028.4	1081.1	29	3	2.3	3.74
scare	1932	1286.9	30	3.8	2.1	4.84
scarf	1130.3	606.9	30	6.5	1.4	
scene	1388.6	650.5	28	3.8	2.3	4.55
scent	1677.9	1179.6	29	3.8	2.3	4.15
scheme	1578.1	798	30	2.7	2	3.15
school	990.8	411.1	30	6.5	1.2	5.72
scoff	1318	515.2	29	2.6	1.9	



scold	1258	871.9	31	3.9	2.4	
scoop	1498.3	753.9	31	4.7	2.3	
scope	1495.5	842.1	31	4.8	2.1	
scorch	1921.3	1111.9	28	3.9	2.2	
score	1689.9	1430.3	30	3.4	2.1	
scorn	1605.4	1278.1	29	2.3	1.6	
scotch	1578.1	869.1	30	5.2	2.3	5.84
scour	1638.8	921.2	27	2.2	1.7	
scourge	1876.7	1521.6	27	1.6	1	
scout	1321.9	715.3	27	5.3	2.1	
scowl	1452.5	805.2	28	3.7	2.3	
scrap	1767.3	1141	30	4.2	2.2	
scrape	1340.5	434.6	30	4.1	2.2	
scratch	1417.8	793.8	30	4.7	2.2	
scrawl	1654.3	1108.2	30	2.5	1.7	
scream	1261.3	522.8	29	4.5	2.3	
screech	1406.4	722.8	31	3.5	2.4	
screen	1355.9	639.3	30	6.2	1.8	
screw	1240	629.5	29	6	1.6	
scribe	1623.5	938	28	3.5	2.2	
script	1372.6	912.4	29	5.1	2.6	
scroll	1390.5	584.8	31	4.6	2.3	
scrub	1347.9	651.5	29	4.9	2.1	
scruff	1736.6	1232.3	31	3.3	2.1	
scum	1458	1079.5	30	3.8	2.3	
sea	941.1	259.2	31	6.4	1.6	5.73
seal	1238.6	724.8	30	5.5	2.4	4.98
seam	1501.8	905.9	30	3.7	2.3	5.49
sear	1697.7	1088.7	29	2.7	1.9	
search	1608.7	846.6	29	3.3	2	
seat	1109.7	451.1	30	6.2	1.5	5.36
sect	1512.8	887.2	30	2.6	2.1	
see	1311.9	682.3	30	3	2.2	3.97
seed	1704.6	1410.4	31	6.4	1.5	5.36
seek	1486.1	860.5	29	2.9	1.9	3.29
seem	1138.4	687.8	30	1.7	1.1	2.43
seep	1482.1	1113.5	31	2.9	2	
seize	1454.9	729.7	28	3.7	2.3	
self	1659.6	1101.8	31	4.3	2.5	
sell	1371.1	1268	31	3	1.9	4.05
send	1494.6	704.8	31	3.4	2.1	4.17
sense	1714.6	1235.5	30	2.8	1.6	3.58
sent	1536.4	736.4	29	3.2	2	3.80
serf	1858.9	1288.5	30	3.2	2	
serve	1271.7	887.9	30	3	2.2	
set	1658	903.8	29	3.7	2.4	
sew	1637.2	712.1	29	5.2	1.9	
sex	1382.8	687.9	31	5.8	2	5.72
shack	1485.9	935.3	31	5.5	2.2	
shade	1471.3	1098.5	30	4.3	2.5	
shaft	1418.3	648.1	31	4.4	2.3	

shag	1397.6	663.1	29	4.1	2.3	
shake	1809.7	1235.2	26	4.4	2	
shale	1680.3	1189.6	30	3.1	2.2	
shall	1260	615.5	30	2	1.6	
sham	1359.4	786.3	30	3	2.2	
shame	1461.1	1012.9	27	2.7	2	3.95
shank	1689	823.2	31	2.9	2.1	
shape	1382	734	30	4.2	2.5	4.85
share	1539.3	1180.8	28	3.2	2.3	
shark	1084	462.8	30	6.8	0.8	5.96
sharp	1435	1016.9	31	4.6	2.4	
shave	1265.2	1134	31	5.6	2.1	
shawl	1540.3	901.8	31	5.3	2.2	5.47
she	1415.5	696.2	30	3.8	2.5	4.68
shear	1806.5	1024	31	3.7	2.2	4.78
sheath	1495.6	867.9	30	4	2.4	
sheathe	1403.4	996.9	30	3.2	2.2	
sheave	1497.8	761.9	30	2.2	1.6	
shed	1227.2	520.8	31	6.1	1.6	
sheen	1448.6	743.7	29	2	1.3	
sheep	985.5	395.1	31	6.8	0.7	6.09
sheer	1506.7	788.1	29	3.5	2.1	4.34
sheet	1006.5	324.3	29	6.4	1.3	
sheik	1635.1	1052.9	30	2.6	2.2	
shelf	1087.4	532.5	31	6.5	0.9	
shell	1185.6	501.3	31	6	1.9	5.75
shelve	1493.2	934.3	30	6	1.7	
shield	1147.2	846.2	30	5.8	2	
shift	1423.3	707.5	29	3.6	2.3	
shill	1239	508.7	30	2	1.4	
shin	1488.9	728.8	31	5.2	2.4	
shine	1664.9	989.4	30	4.7	1.9	
ship	1049.1	686.8	31	6.8	0.8	5.75
shirk	1577.7	846.5	27	2	1.8	
shirt	988.1	496.4	30	6.5	1.5	6.12
shoal	1562.9	978.1	31	2.3	1.9	
shock	1740	957.6	31	3.6	2.1	
shoe	1097.5	519.9	31	6.5	1.5	5.95
shone	1437.3	836.6	30	2.5	1.7	
shook	1531.5	890.5	29	3.8	2.1	
shoot	1255.3	511.6	30	4.5	2.1	4.88
shop	1109.4	530.2	31	5.5	2.3	5.46
shore	1116.4	376.5	31	5.8	2.2	
short	1562	783.1	29	4.5	2.3	4.40
shot	1487.6	811.3	28	4.9	2.1	5.29
should	1412.2	871.9	31	1.9	1.4	2.89
shout	1418.4	1057.5	30	3.8	2.5	4.94
shove	1648.5	1254.2	31	4.3	2.3	
show	1396.8	581.1	31	4	2.4	4.18
shrank	1720.4	1240.7	30	3.7	2.2	
shred	1187.8	550.5	30	4.9	2.3	

shrew	1484.8	916.3	28	3.5	2.4	
shrewd	1502.8	996.8	31	2.7	1.8	
shriek	1528.3	977.6	29	3.2	2.4	
shrill	1259.5	513	30	2.5	1.9	
shrimp	1014.9	483.2	30	6.8	0.7	6.12
shrine	1560.2	1065.5	29	5.1	2.1	
shrink	1360.6	713.6	30	4	2.4	
shroud	1339.9	900.6	28	3	2.3	
shrub	1584	884.7	29	6.3	1.4	
shrug	1280.9	836.8	30	4.2	2.1	
shrunk	1618.5	874.7	31	3.9	2.4	
shuck	1572.4	1015.5	29	3.6	2.3	
shun	1586	1308	30	3	2	
shunt	1638.3	1179.4	30	2.2	1.6	
shush	1499.3	781	29	2.5	1.9	
shut	1571.4	709.8	30	3.9	2.2	
shy	1262.3	887.8	30	2.9	2.1	
sick	1630.1	1020	31	4.1	2.2	4.50
side	1655.5	987.2	28	3.8	2.3	3.80
siege	1319.6	635.7	28	3	2.2	
sieve	1335.1	830.6	30	1.9	1.8	
sift	1475.8	693.4	30	4	1.9	
sigh	1232.5	677.3	30	3.6	2.3	
sight	1204.9	574.3	29	3.2	2.3	4.00
sign	1378.3	843.1	31	6.2	1.4	5.28
silk	1180.4	327.1	30	5.9	1.8	5.04
sill	1561	1026.8	30	2.9	2.1	
silt	1507.6	699.6	29	4	2.4	
sin	1767.8	1559	31	3	2.2	4.24
since	1481.7	850.8	30	1.8	1.4	2.58
sing	1199.5	486.2	30	4.9	2	5.21
singe	1408.7	769	29	3.5	2.3	
sink	1397.8	836.8	31	5.4	2.2	6.04
sip	1693.9	1377.4	29	4.4	2.2	
sir	1579.8	813.9	31	3.8	2.2	
sire	1717.1	1061.6	29	3.1	2.1	
sit	1570.3	1070.4	30	4.7	1.9	5.05
site	1758.9	1348.9	26	3.3	2.2	4.00
six	1346.8	656.4	30	5.5	2.2	
size	1636.7	866.2	30	3.8	2.4	4.09
skate	1179.6	693.3	27	5.9	1.8	5.57
sketch	1339.7	508.7	30	5.4	2	
skew	1451.3	861.8	31	2.5	1.8	
ski	1361	715.1	31	6	1.7	6.09
skid	1702.5	1195.6	31	4.3	2.1	
skill	1861.5	1320.1	31	2.8	2	
skim	1666.2	1111.8	31	4	2.3	
skimp	1491.5	876.9	29	3	2	
skin	1152.4	651.3	31	6.3	1.3	6.61
skip	1464.7	1025.4	31	4.2	2.4	
skirt	1081.3	416.4	31	6.7	0.8	5.53

skit	1693.7	827.5	29	3.9	2.1	
skulk	1729.1	767.2	30	2.2	1.9	6.00
skull	949.2	259.7	31	6.5	1.2	
skunk	1265.8	597.3	30	6.5	1.5	6.46
sky	1208.2	747.5	28	6.5	1.1	5.98
slab	1528.7	935.6	30	4.2	2.5	
slack	1964.8	1058.2	26	3.1	2	
slag	1470.9	742.1	31	2.2	1.9	
slain	1131.8	518.5	29	4	2.1	
slam	1344.3	1117	30	3.8	2.3	
slang	1635.1	1265	29	3.1	2.2	4.10
slant	1653.2	834.4	30	4	2.2	
slap	1226.7	489.2	31	5	2.1	5.36
slash	1405.3	686.1	31	4.4	2.4	
slat	1559.6	698.7	29	3	2.1	
slate	1312	658.2	31	4.4	2.3	
slave	1473.5	963.9	28	5.7	2	
slaw	1804.4	957.8	28	4.3	2.5	
slay	1624	1120.4	29	3.8	2.5	
sled	1197.4	663.5	31	6.6	1	
sledge	1780.9	1243.5	31	3.3	2.3	
sleek	1565.7	1041.3	31	3.5	2.1	
sleep	1401	1047.8	29	5.5	2.1	5.30
sleet	1478	867.6	30	4.3	2.4	5.41
sleeve	1198.3	588	31	6.5	1.1	5.27
sleigh	1321.7	982.5	30	6	1.9	
sleight	1594.3	1145.2	28	2.3	1.6	
slept	1277.4	422.9	29	4.5	2.1	3.87
sleuth	1939.6	1265.8	30	3.7	2.4	
slew	1421.4	843.1	30	2.5	2.1	
slice	1578.6	1096.9	30	5.3	1.9	4.64
slick	1736.5	1063.7	28	4	2.1	
slid	1492.1	824.2	31	4.1	2.3	
slide	1505.4	879	31	5.2	2.3	4.84
slight	1385.8	688.5	29	2.3	1.4	
slim	1455.1	949.3	31	4.9	2.2	
slime	1339.2	716.8	29	5.8	1.8	
sling	1340.9	661.9	31	5	2.3	
slip	1772.1	1092.9	30	4.5	2.3	4.95
slit	1494.1	545.1	29	4.3	2.1	
slop	1689.2	1048.6	30	3.9	2.3	
slope	1285.5	607.1	31	4.8	2.2	5.72
slot	1572.3	772.9	27	5.2	2	
sloth	1392.9	835.3	30	4.1	2.5	
slouch	1617.6	1287.3	30	4.3	2.3	
slow	1452.7	633	31	3.4	2.1	3.55
slug	1191.5	515.3	29	5.7	2.2	
slum	1711.9	1604	31	4.2	2.1	
slump	1507.5	897.4	30	3.9	2.1	
slung	1356.8	735.1	29	3.5	2.1	
slur	1536.6	988.8	31	3	2.1	

slush	1647.8	906.9	30	4.6	2	
slut	1528.3	702.1	29	5.2	2.2	
sly	1520.1	1092.6	30	2.7	1.9	
smack	1184.1	763.2	30	4.6	2.1	5.95
small	1398.5	1048.6	29	4.2	2.4	4.78
smart	1277.6	528.2	30	3.1	2.3	3.96
smash	1504.1	842	31	4.8	2.1	
smear	1423.8	1213.7	28	3.5	2.2	4.09
smell	1252.8	540.4	31	3.4	2.2	4.71
smelt	1397.8	946.4	29	3.2	2.1	4.67
smile	1260.7	777.4	29	6.5	1.3	5.96
smirk	1517.7	737.8	29	4.5	2.2	
smite	1539.4	940.9	30	2.1	1.7	
smock	1633.9	650.4	31	4.5	2.2	
smog	1220	653.9	31	6	1.8	
smoke	1274	704.6	31	6.4	1.3	5.88
smooth	1415.5	650.5	31	4	2.3	4.84
smudge	1619.3	876.2	30	4.8	2.1	
smug	1573.8	923.1	29	3.4	2.4	
smut	1594.5	963.4	30	2.8	2	
snack	1241.4	509	31	5.6	1.7	
snag	1350.5	672.2	31	4.5	2	
snail	1058.4	438.2	31	6.5	1	5.71
snake	954.1	326.4	31	6.5	1.3	6.04
snap	1458.4	761.7	31	4.1	2.3	4.04
snare	1574.2	993.9	31	4.4	2.4	
snarl	1603.6	943.1	30	4.2	1.8	
snatch	1596.2	1360.3	30	3.6	2.1	
sneak	1487.1	853.8	30	3.5	2	
sneer	1401	960.4	31	3.1	2.2	
sneeze	1213.9	532.7	31	5.6	1.8	
snide	1308.6	706.9	31	2.3	1.6	
sniff	1463.3	586.5	30	4.3	2.1	
snip	1198.6	501.7	29	3.8	2.2	
snipe	1478.3	1053.1	29	3.3	2.3	
snitch	1765.9	799.9	29	3.4	2.4	
snob	1424.9	748.8	30	4.5	2.3	
snoop	1536.6	1385.1	30	3.7	2.4	
snooze	1264.8	551.9	31	4.8	1.9	
snore	1314.4	1031.4	28	5	2.3	
snort	1590.3	794.6	29	4.5	2	
snout	1527.9	951	31	5	2.2	
snub	1414.9	1025.9	30	2.4	2	
snuff	1649.7	825.1	29	4.3	2.5	
snug	1564.2	969.4	30	3.9	2.1	
so	1171.5	692.3	30	1.7	1.7	
soak	1667.1	999.5	31	4	2.3	
soap	1091.4	618.9	31	6.5	1.3	5.89
soar	1515.9	1109.4	28	4.3	2.2	
sob	1339.5	595.7	29	4.6	2.1	4.77
sock	1148.2	593.1	28	6.7	0.7	4.91

sod	1313.7	674.4	31	4.2	2.4	4.61
soft	1383.1	976.7	31	4.1	2.2	4.64
soil	980.4	320	31	5.9	2	
sold	1612.7	984.2	31	3.3	2	4.18
sole	1645.5	1325.1	28	3.8	2.1	4.56
solve	1507.6	1067.4	30	2.7	1.7	
some	1274.1	743.7	31	2	1.5	2.96
son	1471.5	763.6	29	5.6	2.1	
song	1448.4	1142.2	29	4.3	2.3	5.44
soon	1208.7	650.1	31	2.2	1.6	2.72
soot	1366.1	533.7	31	4.6	2.4	5.25
soothe	1520.4	870.2	30	3.7	2.3	
sop	1604.8	1141.4	30	2.2	1.5	
sore	1531.8	1262.1	29	4.1	2.1	4.80
sort	1282.7	534.8	31	3	2.2	
sough	1610.3	1250.7	28	1.6	0.9	
sought	1330	789	31	2	1.5	
soul	1618.9	1338.8	31	3.1	2.3	4.52
sound	1636.8	1309.1	29	3.5	2.1	5.09
soup	999	651.6	30	6.5	1.4	5.98
sour	1339.3	869.8	30	3.6	2.3	5.13
source	1418.9	916.1	30	2.6	1.6	
south	1171.5	554	31	4.6	2.4	4.70
sow	1436.8	847.4	29	4.6	2.5	
soy	1561.8	795.1	31	3.9	2.1	
spa	1146.2	631.3	31	6	1.8	
space	1500.8	919.7	30	4.5	2.5	5.45
spade	1873.7	1196.2	30	5.2	2.1	5.72
span	1570.7	1142.6	31	2.9	2.2	3.75
spank	1614.6	817	26	5	1.9	5.33
spar	1827.3	1430.2	30	2.7	2	
spare	1499.3	832.7	29	4.2	2.6	
spark	1523.4	881.4	30	5.4	2.3	
sparse	1357.2	612.5	31	2.7	2	
spat	1278.6	533.8	30	3.7	2.3	
spawn	1519.4	704.6	30	3.5	2.3	
speak	1441.9	851.3	30	3.8	2.3	4.81
spear	1226.6	574.9	30	5.9	1.9	5.39
speck	1517.8	900.8	28	3.9	2.3	4.89
sped	1558.1	797.5	31	3.7	2.1	
speech	1519.6	975.9	30	4.1	2.3	
speed	1690.6	884.8	29	3.3	2.2	
spell	1725.7	1040	29	2.9	1.9	
spend	1692	1162.5	29	3	2	
spent	1422.4	758.3	30	3.3	2.2	
sperm	1492.8	901.3	31	6	2	
spew	1362.9	653.1	28	3.8	2.2	
sphere	1207.2	589.2	30	5.8	2	5.56
sphinx	1422.3	758	30	5.4	2.4	
spice	1495.2	780.7	30	5.4	2.2	5.86
spike	1315.4	550.9	29	5.9	1.8	5.68

spill	1343.9	620.9	30	4.2	2.3	
spin	1842.1	1143.7	30	4.5	2.2	
spine	1243.3	629	30	6	1.7	
spire	1674.8	1107.1	31	2.7	2.1	
spit	1398.4	708.7	30	5.2	2.3	
spite	1444.2	1183.2	31	3.2	2.5	
splash	1575.5	1217.2	31	5.1	2	
splay	1291	789.9	31	2	1.7	
spleen	1368.2	567.6	30	5.5	2	
splice	1498.5	936.5	30	3.5	2.6	
splint	1393.2	659.7	28	4.7	2.2	
split	1788.3	1270.7	26	4.3	2	
splotch	1534	706.2	29	2.9	1.9	
splurge	1673	1132.7	31	3.2	2.1	
spoil	1397.4	626.9	29	3.6	2.2	
spoke	1597.7	1103.4	30	4.1	2.2	4.09
sponge	1319.4	679.1	30	5.9	2.1	
spoof	1562.1	896.5	28	2.2	1.7	
spook	1513.3	708.4	31	3.6	2.3	
spool	1677.1	1109.1	30	5.5	1.8	5.46
spoon	1143.5	693.2	30	6.3	1.7	5.38
spore	1203.8	565	31	3.8	2.6	
sport	1449.8	872.3	29	5	2.2	
spot	1304	589.1	31	5.2	2.1	4.57
spout	1674.4	878.8	29	5	2.2	4.60
sprain	1384.5	755.3	31	4.5	2.3	
sprang	1385.9	853	29	3.1	2	
sprawl	1444	749	30	3.6	2.3	
spray	1634.9	1127.8	29	5	2	5.24
spread	1508	583.3	29	4	2.2	
spree	1700.2	1249.6	30	3.4	2.5	
sprig	1495.1	898.3	29	2.9	2.1	
spring	1566.5	895	31	5.9	1.8	5.79
sprint	1390.8	654.3	29	4.7	2.2	
sprite	1431	1080.6	28	5.5	2.3	
sprout	1684.5	1131.2	29	4.7	2.1	
spruce	1673.6	1155.5	31	4.8	2.1	5.26
sprung	1629.9	1114.6	30	3.4	2.2	
spry	1419.8	1124.5	30	2	1.8	
spud	1436.3	734.1	31	5	2.4	
spun	1589.1	945.8	29	3.4	2.2	
spunk	1701.5	1101.2	31	2.8	2	
spur	1326.5	782.6	28	5.3	2.1	
spurn	1662.7	931	28	2	1.5	
spurt	1444.5	1044.6	28	3.3	2.3	
spy	1332.8	974.8	30	4.3	2.1	
squad	1499.1	775.1	30	4.4	1.9	
squall	1487.9	748.2	31	4	2.4	
square	1250.6	574.6	28	6.4	1.4	6.10
squash	1354.7	444.4	30	5.3	2.3	
squat	1267.3	581.7	29	4.5	2.3	

squaw	1384.9	709.6	30	3.9	2.4	
squawk	1755.4	827.6	30	3.6	2.2	
squeak	1416.7	708.2	30	4.3	2.3	4.86
squeal	1413.6	883.6	29	3.1	2.1	
squeeze	1064.2	383	27	4.3	2.3	
squelch	1514	1083.8	31	2.3	1.7	
squid	1438.6	662.9	30	6.4	1.3	
squint	1267.1	609.6	31	5.1	2.3	5.09
squire	1557.8	895.4	27	3.9	2.6	
squirm	1506.2	835.1	31	4.7	2.2	
squirt	1396.8	858.8	31	4.8	2.1	4.90
stab	1182.3	625.1	30	5.2	2.1	
stack	1562.3	1110.6	28	4.2	2.3	
staff	1319.1	833.6	30	4.6	2.4	
stag	1556.7	923.3	31	5	2.2	
stage	1256.4	625	30	6.1	1.8	
stain	1309	891.4	29	5.5	1.9	
stair	1458.4	980	28	6.1	1.9	5.45
stake	1425.4	952.5	31	5.4	2.4	5.00
stale	1534.2	1001	31	3.3	2.3	4.06
stalk	1421.2	725.7	30	4.5	2.3	3.91
stall	1636	1175.6	29	4.8	2.3	
stamp	1184.1	549.3	29	6.1	2	
stance	1816.9	1384	31	3.4	2.3	
stanch	1559.4	1115.1	29	1.9	1.5	
stand	1316.2	638.2	29	5	2.4	5.04
stank	1473.9	754.4	30	2.8	2.1	
star	1094.2	545.5	31	6.8	0.9	6.11
starch	1533.9	751.9	30	4.1	2.3	5.09
stare	1653.4	1120.2	31	4.5	2.1	4.14
stark	1506.9	904	30	2.8	2	
start	1606.7	1198.1	31	2.9	2.1	
starve	1575.7	953.4	31	3.8	2.1	
state	1457	706.6	30	4.9	2.4	5.05
staunch	1720.8	1283.8	31	1.7	1	
stay	1394	858.4	30	2.6	2	3.15
stead	1243.7	753.8	31	3	2.3	
steak	1075.4	405.6	30	6.5	1.7	6.45
steal	1311.5	716.3	29	3.8	2.1	4.40
stealth	1707.6	984.3	29	2.8	1.9	
steam	1443.7	1227.1	31	5.6	1.8	5.98
steed	1447.6	777.7	30	4.2	2.6	
steel	1319.4	760.1	30	5.8	1.9	5.28
steep	1445.3	853	31	4.2	2.4	
steer	1744.2	1224.4	30	5	2.1	
stein	1417.3	1103	29	2.1	1.7	
stem	1394.1	616.2	30	6.2	1.2	5.41
stench	1301.3	652	31	3.3	2.3	
step	1436.4	807.8	30	5.7	1.8	4.34
steppe	1474.8	946.6	28	2.4	2.1	
stern	1258.3	675.5	28	3.6	2.4	



stew	1428.8	842.6	29	5.7	1.7	5.90
stick	1127.4	511.6	30	5.9	1.9	5.11
stiff	1257.4	579.6	30	3.7	2.4	
stile	1510.5	987.4	31	2	1.5	
still	1289.6	809	28	2.8	2.4	3.39
stilt	1703.7	1136.1	30	4.3	2.5	
sting	1279.5	500.2	30	5	2.1	
stink	1574	839	30	3.9	2.1	
stint	1509.7	798.5	31	2.4	1.9	
stir	1729.3	827.6	30	4.5	2.2	
stitch	1422.1	531	29	5.3	2.1	
stock	1541.1	1042.2	29	3.8	2.4	
stoke	1554.1	992.3	30	2.8	1.9	
stole	1451.4	708.2	31	3.6	2.2	4.35
stone	1098.3	467.5	30	6.6	0.9	5.71
stood	1563.4	983.2	30	4.3	2.2	
stooge	1507.4	660.9	30	4.1	2.2	
stool	1094.3	512.7	29	6.1	1.9	5.75
stoop	1518.3	1003	30	3.9	2.3	
stop	1372.6	727.6	29	4.5	2.5	4.46
store	1248.7	620.9	30	5.8	1.9	5.00
stork	1125	522	31	5.7	2.2	
storm	1121.3	491.7	30	6.2	1.5	5.59
stout	1652.2	673.5	26	3.6	2.2	5.15
stove	1163	497.7	30	6.9	0.7	5.91
stow	1495.4	1097.2	29	2.3	1.7	
straight	1678.2	963.8	31	4.1	2.4	4.41
strain	1452.9	838.2	30	3.7	2.4	
strand	1624	944.3	30	4.7	2.4	4.25
strange	1474.7	919	29	2.7	1.6	
strap	1360.2	818.8	27	5.5	2.1	
straw	1331.7	691.1	30	6.5	1.4	5.58
stray	1794.7	1034.3	28	4	2.6	
streak	1558.2	994.7	28	4.2	2.2	
stream	1128.3	449.7	28	6.4	1.3	
street	1091.6	638.5	28	6.3	1.5	5.29
strength	1433.4	498	28	3.4	2.1	
stress	1644.1	1434.4	31	3.4	2.4	
stretch	1654.8	957	31	4.5	2.1	
strict	1655.3	1106.5	30	2.7	2	
stride	1148.6	584.8	30	4.2	2.2	
strife	1604.4	930.5	29	2.7	2	
strike	1412.8	729.9	31	4.6	2.1	
string	1293.6	717.9	31	6.2	1.7	5.15
strip	1545.9	729.2	30	4.8	2.2	
stripe	1502.9	863.6	31	6	2	
strive	1463.4	811.3	28	3.1	2.3	
strode	1502.6	728.5	30	2.8	1.8	
stroke	1432.7	651	28	4.5	2.2	4.75
stroll	1433.1	713.2	30	4.5	2.1	
strong	1435.3	998.6	28	4	2.1	

strove	1419.4	770.5	30	2.6	2.1	
struck	1244.5	732.1	30	3.8	2.3	
strum	1480.2	1037.8	31	3.5	2.4	
strung	1756.5	1001.4	28	2.8	1.8	
strut	1398.4	594.8	29	4	2.2	
stub	1525.9	844.5	31	4.5	2.4	
stuck	1631.2	1200.8	28	3.2	2.2	
stud	1304.4	608.2	31	4.9	2.2	
stuff	1379.5	686.8	29	3.6	2.2	
stump	1434.2	1006.2	30	5.8	2	4.74
stun	1463.1	929.4	30	3.1	2.2	
stung	1714	1065.6	28	4.4	2.1	
stunt	1705.2	1465.6	31	3.7	2.3	4.23
sty	1425.3	707.6	29	2.5	2.1	
style	1638.6	1314	29	3.3	2.3	4.14
suave	1441.5	577.2	31	2.9	2.2	
such	1331.6	897.3	31	1.7	1.6	2.13
suck	1620.2	811	29	4.4	2.2	
suds	1408.2	555.7	29	5.8	2	
sue	1797.1	1018.1	30	3.6	2.4	4.43
suede	1582.1	930.9	30	5.2	2.5	
suit	1302.1	1053.5	31	5.5	2.4	5.30
suite	1457.3	755.2	30	5.2	2.3	4.73
sulk	1391.1	808.4	30	3.1	2.1	
sum	1221.9	595.2	29	3.4	2.1	4.67
sun	977.5	355.8	31	6.9	0.5	6.04
sung	1724.8	783.1	30	3.3	1.9	
sunk	1629	1026.7	29	3.5	2.3	
sup	1482.8	833.1	29	1.7	1.3	
sure	1563.7	1076	31	2.2	1.7	2.79
surf	1377.5	671.2	28	6.1	1	5.95
surge	1716.7	1484.6	31	3.3	2.4	
swab	1578.2	825.4	31	5.2	2.1	
swag	1489.4	690.8	30	3	2.1	
swam	1476.7	928.1	28	4.4	2.3	
swamp	1371.1	674.8	31	6	1.9	
swan	1186.1	557.5	30	6.3	1.8	
swank	1527.9	838.6	29	2.4	1.8	
swap	1584.4	775.9	31	2.9	1.9	
swarm	1318	532.6	30	4.8	2	4.82
swash	1828.1	1203.4	30	2.3	1.5	
swat	1530.9	921.1	31	4.5	2.2	
swath	1380	636.2	26	2	1.6	
swathe	1301.1	901.6	29	1.8	1.6	
sway	1562.4	1112.8	30	3.8	2.2	
swear	1244.7	579.9	30	3	2.1	
sweat	1474.7	733.2	29	5.8	1.9	5.54
sweep	1596.3	948.7	30	5	1.9	5.06
sweet	1265.3	689.1	31	4	2.4	5.04
swell	1678.8	924.7	29	3.9	2.1	
swept	1549.9	1139.5	30	4.4	2.3	

swerve	1476.9	800.7	30	5	1.8	
swift	1489.7	921.8	30	3.3	2.1	4.78
swig	1580	665.8	31	3.9	2.3	
swim	1334.2	782.5	27	5.6	1.8	5.52
swine	1277.3	556.5	31	5	2.4	
swing	1358.3	804.5	30	5.8	1.9	
swipe	1316.9	632.9	30	3.6	2.3	
swirl	1350.1	686.8	31	4.3	2.2	
swish	1651.1	1023.2	31	3.1	2.1	
switch	1310.1	690	29	4.3	2.5	
swoon	1392.4	620.3	30	3.2	2	
swoop	1393.8	890.7	31	3.5	2.3	
sword	1106.8	609.4	31	6.8	0.7	5.98
swore	1471.8	897.5	30	3	2.2	
sworn	1921.9	1398.8	30	2.9	2	
swum	1835.7	1352	30	2.6	2.2	
swung	1345.9	695.1	30	4.2	2.4	
sync	1465.8	687	30	2.2	1.8	
tab	1649.6	1010.4	30	3.9	2.1	
tack	1401.1	721.9	31	5.3	2.3	5.56
tact	1451.2	844.7	31	2.4	2	
tag	1372.3	722.3	31	4.5	2.3	
tail	1387.5	799.8	31	6.5	1.2	5.45
taint	1583.6	1368.4	31	3.1	2.1	
take	1299.2	818	29	2.8	2.3	3.62
talc	1465.7	740.6	30	3.1	2.4	
tale	1595.5	903.1	29	3.6	2.4	3.39
talk	1319.4	881.5	30	4.7	2.4	5.02
tall	1491.8	1098.5	31	5.1	2.1	5.53
tame	1518.9	841.3	31	3.1	2.2	4.41
tan	1340.7	799.8	29	5.2	2.1	
tank	1253	800.8	31	5.9	1.7	5.27
tap	1144.9	513.7	31	4.2	2.3	
tape	1328.1	1115.5	29	6.1	1.6	6.22
taps	1569.2	1039	30	3.9	2.2	
tar	1302.4	743.6	29	5.5	2.1	5.44
tart	1777.8	1180.2	30	4.1	2.4	
task	1464.9	1212	31	3.2	2.2	
taste	1513.6	821.7	31	4	1.9	4.42
taught	1336.1	715.7	29	3.4	2.4	
taunt	1380	1008.7	29	2.9	2	
taut	1693.6	1318.4	31	2.3	1.6	
tax	1640	1047	29	4.2	2.1	4.27
tea	981.3	547.9	30	6.4	1.3	5.93
teach	1451.1	795.3	31	3.7	1.9	4.23
teal	1482	812.8	29	5.1	2.4	
team	1287.1	795.7	27	5	2.2	5.59
tear	1455	848.5	28	5.7	1.7	
tease	1531.5	1077.2	31	3.8	2.3	
tee	1690	1007.2	29	4.2	2.5	
teem	1858.5	1450.7	29	1.7	1.2	

teen	1489.3	1380.5	28	5.6	1.9	
teeth	935.1	284.7	31	6.7	1.1	6.05
tell	1265.5	722.8	30	2.5	2	3.83
tempt	1399	655.9	29	2.8	2	4.31
ten	1349.5	686.1	30	6.3	1.6	
tend	1678.9	1163.1	29	2.1	1.5	
tense	1556.1	904.9	31	2.6	1.9	4.50
tent	1031	656.5	31	6.6	1.2	5.59
tenth	1502.9	899.6	31	4.3	2.6	
term	1574.5	1001	29	3.3	2.1	
test	1316	641.3	29	5.3	2.3	5.22
text	1275.2	480.1	31	5.1	2.3	
than	1121.1	542.9	30	1.6	0.9	2.07
thank	1568.5	790	29	2.7	1.9	
that	1300.6	1210.7	28	2	1.8	2.38
thaw	1836.3	1075	30	3.3	1.9	4.07
the	1148.7	804.7	30	1.3	1	
theft	1379	826.2	30	3.4	2.1	4.18
their	1275	770.1	29	1.9	1.5	2.51
them	1194.9	679.9	30	2.5	2	3.62
theme	1514.2	957.6	30	3.1	2.2	3.89
then	1567.3	1568.5	30	1.5	1.2	1.86
thence	1350	693.9	26	1.7	1.1	
these	1601.1	1178.4	30	1.6	1.2	2.61
they	1473.4	1191.7	30	2.3	2	3.27
thick	1559	955.8	29	3.7	2.2	4.57
thief	1211.4	619.1	31	5.3	2.1	5.22
thieve	1994.3	1326.7	31	4.7	2.2	
thigh	1247.1	527	31	6.2	1.6	
thin	1434.3	784.3	30	4.9	2.3	5.22
thing	1478.1	817.4	31	2.6	2.3	3.52
think	1529.3	1281.1	30	2.6	1.9	4.52
third	1465.2	1020.2	29	4.3	2.4	
thirst	1728.1	649.7	29	3	2	
this	1201.6	977.2	31	1.8	1.5	3.09
thong	1161.9	374.6	30	6.2	1.6	
thorn	1178.6	529.9	30	6.4	1.4	
those	1217	800.7	29	1.7	1.2	2.41
though	1502.7	940.3	28	2	1.7	
thought	1670.6	1196.2	28	3.1	2.1	3.42
thrash	1295.5	684.6	29	3.1	1.9	
thread	1501.1	1169.5	31	6	1.5	5.49
threat	1577	979.3	31	3.2	2.3	3.75
three	1305.8	721.1	31	5.3	2.5	4.89
thresh	1648.4	1165.5	30	2.2	1.7	
threw	1266.8	732.3	29	4	2.4	4.36
thrice	1565.1	814.8	30	2.7	2.2	
thrift	1536.4	1126.1	28	3	2.1	
thrill	1663.4	1069	31	3.3	2	
thrive	1415.6	606.7	28	2.9	2	
throat	1106.3	646.3	31	6.4	1.6	5.55

throb	1469.6	691.9	29	3.9	2.1	
throne	1383.8	953.2	29	6.1	1.8	
throng	1797	953.9	27	2.4	1.8	
through	1625.7	943.1	31	1.9	1.5	3.14
throw	1447.2	681.5	29	4.3	2.1	4.80
thrown	1551.9	958.3	28	3.6	2	
thrush	1425.1	758.1	30	3.1	2.2	
thrust	1438.4	739.5	29	4	2.3	
thud	1471.2	787	30	3.3	2.3	4.47
thug	1476	915.6	30	4.9	2.3	
thumb	1105.6	478.3	30	6.7	1	
thump	1631.2	1093.9	29	3.7	2.1	
thus	1243.9	731.1	31	1.6	1.5	2.61
thwart	1368	772.7	30	1.8	1.5	3.18
thyme	1812.1	1314.8	31	2.1	1.5	
tic	1528.1	1044.3	29	3.8	2.7	
tick	1301.3	742	30	5.8	1.9	
tide	1483.3	706.7	29	5.3	2.1	4.98
tie	1227.6	855.2	30	6.4	1.6	5.45
tier	1410.1	761	29	3.1	2.2	
tight	1520.8	810.6	31	4.3	2.2	4.89
tights	1524.8	799.7	29	6.1	1.4	
tile	1412.5	858.9	30	5.3	2.2	
till	1606.6	1254.7	29	2.9	2.2	3.58
tilt	1518.9	1077	28	4.1	2.3	
time	1620.7	1140.4	30	4.2	2.2	3.91
tin	1187.1	494.7	31	5.9	1.8	
tinge	1504.9	1176.5	29	2	1.3	
tint	1397	922	30	4.6	2.2	
tip	1462	792.5	29	4.2	2.2	4.85
tire	1078.8	673.6	30	6.2	1.9	5.05
tit	1657.9	890.2	30	5	2.4	
to	1192.8	1089.7	31	1.4	1.3	
toad	994	482.8	31	6.8	0.7	5.85
toast	1010.4	591	30	6.5	1.2	5.62
toe	930.3	343.8	31	6.7	1.2	6.28
toil	1551.9	1218.7	31	2.9	1.8	3.87
told	1463.5	1067.3	31	2.4	1.8	2.80
toll	1526.7	876.4	30	3.9	2.1	4.13
tomb	1183.6	720	31	6.4	1.5	5.93
ton	1588.1	932.4	29	3.6	2.4	4.79
tone	1247.8	556	29	3	2.1	
tong	2019.5	1357.8	31	4.5	2.3	
tongue	997.2	378.4	31	6.5	1.4	6.15
too	1476.1	1020.4	30	1.3	0.6	2.55
took	1320.9	733.3	30	2.4	2	
tool	1157.4	373.9	30	6	1.9	5.16
toot	1661.9	906.7	30	3.3	2.1	
tooth	1001.3	421.4	31	6.8	0.7	6.18
top	1411.5	991.7	30	4.8	2.5	5.12
torch	1423.6	1193.2	29	6.2	1.4	

torn	1538.9	1019.1	31	4.8	2.3	
tort	1563.8	1280.9	29	1.7	1.3	
toss	1434.2	616.4	29	4.4	1.9	
tot	1500.3	717.9	30	3.2	2.3	
tote	1268.5	635.1	31	4.2	2.6	
touch	1327.3	897.3	30	4.2	2.4	
tough	1259	602.2	27	3.8	2	4.80
tour	1225.3	654.3	30	3.9	2.5	
tow	1304.4	860	31	4.3	2.4	
town	1105.7	408.5	30	5.9	1.8	5.47
toy	1019.1	393.8	29	6.8	0.8	5.36
trace	1779.6	1068.4	27	3.6	2.3	3.78
track	1031.1	457	28	5.1	2.7	
tract	1622	999	30	2.7	1.9	
trade	1895.2	1429.2	29	3	1.9	
trail	1364	849.2	30	5.6	2.2	5.65
train	991.6	481.3	30	6.3	1.5	5.87
trait	1880.5	1264.8	29	2.9	2	
tram	1450	792.4	29	2.9	2	
tramp	1506.2	788.9	30	4.9	2.3	
trance	1429.5	804.9	31	4	2.3	4.20
trap	1602.5	1434.6	30	4.4	2.3	
trash	1219	611	30	6.2	1.4	5.93
tray	1477.3	941.5	30	5.8	1.9	5.44
tread	1716.4	1170.7	30	3.4	2.1	
treat	1382.1	739.4	30	4.6	2.4	3.54
tree	1059	671.4	31	6.8	1.1	6.03
trek	1690.9	955.7	27	2.9	2.1	
trench	1339.3	834.8	29	4.9	2.2	
trend	1337.1	780.7	31	3.1	2.2	3.67
tribe	1268.1	733.1	30	5.6	2.2	5.09
trick	1461.6	629.2	29	3.9	2.2	
trill	1689.4	1287.2	30	2	1.6	
trim	1528.6	1047.8	30	4	2.2	
trip	1419.2	770.9	29	4.3	2.2	5.44
tripe	1476.2	1096.4	30	1.7	1.1	
trite	1505.6	869.1	31	2.1	1.7	
trod	1496.6	958.1	31	2.9	2	
troll	1322.2	687.5	30	5.5	2.3	
troop	1170	568	29	5.6	2.2	5.20
trot	1332.9	637.7	31	3.8	2.1	
trough	1745.3	886.9	30	4.2	2.5	
trounce	1565.5	1249.1	30	2.2	1.8	
troupe	1587.5	879.6	28	2.8	2	3.98
trout	1327.7	579.6	28	6.3	1.6	6.34
truce	1559.8	629	29	2.3	1.6	
truck	1115.5	690.9	30	6.9	0.6	
trudge	1487.8	1100.2	30	2.3	1.8	
true	1410.9	780.5	29	2.5	1.8	3.84
trump	1844	977.6	30	2.9	2	
trunk	1189.6	563.4	30	6	1.7	

trust	1768.1	1041.7	30	2.9	2.1	3.54
try	1526.8	980.7	30	2	1.3	
tub	1284.6	787.5	31	6.3	1.6	
tube	1341	752.7	30	5.7	1.8	5.58
tuck	1643	613.4	28	4.1	2	
tug	1296	640.7	30	4.3	2.2	
tune	1818	1116.7	27	3.5	2.1	4.57
turf	1336.5	612.7	30	4.9	2.4	
turn	1701.8	1250.4	30	3.9	2	3.64
tusk	1476.6	775	30	5.4	2.4	5.32
twang	1507.9	843.9	30	2.6	2.1	
tweed	1606.7	988.8	29	3.6	2.1	
tweet	1484.5	753.7	30	3	2.3	
twelfth	1642.2	1038.8	31	4.7	2.5	
twelve	1159	487.5	30	6	2.2	
twerp	1559.3	798.2	29	3.3	2.2	
twice	1904.1	1198.1	28	2.9	2.3	
twig	1265.7	974.2	29	6.3	1.7	
twin	1210.3	617	30	5.2	2.2	
twine	1563.7	816.3	30	4.8	2.5	
twinge	1421.7	802.1	30	2.8	2	
twirl	1808.7	1400.1	28	4.7	2.2	
twist	1591.3	1358.3	28	4.7	2	
twit	1519.9	1061	30	3	2.1	
twitch	1461.8	759.1	30	4.3	2.3	5.23
two	1389.3	749.8	30	4.8	2.6	4.39
tyke	1380.2	791.5	30	2.7	2.1	
type	1572.2	902	30	4.8	2.3	4.31
up	1323.4	651.6	31	3.8	2.6	
urge	1444.4	814.8	30	2.5	2	
urn	1567.8	954.5	29	4.7	2.5	
us	1398.5	1127.8	29	2	1.7	
vague	1469.1	894.5	31	2.8	2.4	
vain	1606.8	950.3	30	3.4	2.5	3.54
vale	1575.6	978	30	3.7	2.5	3.53
valve	1359.2	725.4	29	5	2.4	
vamp	1833.7	955.1	31	3.1	2.4	
van	1021.5	512.7	30	6.3	1.7	
vane	1838	1570.9	29	3.7	2.5	
vase	1086.8	381.8	30	6.2	1.4	5.23
vast	1583.5	1203.9	30	3	2.1	
vault	1199.6	379	29	5.6	2	5.44
veal	1332.2	590	30	4.6	2.5	5.13
veer	1664.9	1013.2	31	2.6	2	
veil	1262.9	557.3	31	5.3	2.5	4.96
vein	1510.9	774.7	31	5.8	1.9	5.40
vend	1701.7	926.4	29	3.2	2	
vent	1596.8	1226.9	31	5.4	2	
verb	2023.8	1263.2	30	3	2.1	3.86
verge	1403.3	714.1	30	2.6	1.9	
verse	1476.6	1121.3	30	3.8	2.4	

versed	1807.2	1061.7	31	2.2	1.6	
vest	1053.5	464.1	30	6.2	1.7	5.52
vet	1440	896.7	29	6	1.6	4.88
vex	1259.4	681.7	28	1.7	1.1	
vice	1673.7	939.6	29	2.9	2.1	3.91
vie	1239.2	611	31	1.5	1.1	
view	1411.2	826.8	30	3.2	2.3	4.24
vile	1686.3	1019	31	3.3	2.1	4.38
vine	1305.7	710.2	31	6.7	0.7	
vise	1663.8	1019.9	29	2.5	2.1	
vogue	1783.4	1304.7	30	2.3	1.7	
voice	1327.8	645	28	3.7	2.4	
void	1335.7	664.3	31	3	2.2	
volt	1901	1088.4	27	3.8	2.2	4.09
vote	1262	495.4	30	4.3	2.3	5.27
vouch	1388.5	697.8	31	2.3	1.8	
vow	1351.1	707.3	30	3.3	2.1	3.53
wad	1351.8	836.3	31	4	2.3	
wade	1276.3	637.8	30	4.5	2.2	
wag	1416.6	644.1	31	5	2	
wage	1522.4	921.4	30	3.6	2.3	3.88
waif	1420.4	871.9	29	2.6	2.1	
wail	1444.8	729.6	26	2.7	1.8	4.46
waist	1333.8	699.7	30	6	1.4	5.11
wait	1317.7	779.1	31	2.6	2.1	3.55
waive	1821.8	1189.1	27	2.8	2.1	3.44
wake	1314.4	867.1	28	3.4	2.2	
wale	1956.8	1075.4	29	2.8	2.2	
walk	1387	969.4	30	5.2	2.2	5.05
wall	1144.7	651.9	30	6.2	1.5	5.84
waltz	1478.4	1017.9	31	5.1	1.9	4.94
wand	1065.1	473.3	31	5.6	2.3	
wane	1305.5	740.3	29	2.2	1.9	
want	1212.8	825.4	30	2.4	2.2	3.81
war	1615.4	1472.3	30	5.4	2.1	5.26
ward	1381.2	683.5	31	3	2.1	
ware	1543.4	1208.3	29	2.3	1.9	3.93
warm	1229.9	605	29	3.5	2.3	
warn	1532.4	903.7	31	3	2	3.53
warp	1629	1095.6	31	3.4	2.3	
wart	1261	743.6	31	5.4	2.1	
was	1289.6	1014.7	30	1.4	0.7	2.68
wash	1312.2	558.7	31	5.1	2.1	4.98
wasp	1163	396.6	29	6.5	1.6	
waste	1435.2	1104	31	3.8	2.7	4.71
watch	1234.7	856.3	30	5.9	2	5.19
watt	1954.3	1214.2	30	3.3	2.1	
wave	1213.7	535.9	30	5.5	2.1	5.36
wax	1181.5	574.5	31	5.6	2.2	5.43
way	1333.5	605.5	30	2.3	1.8	3.09
we	1442.8	1074.6	29	2.3	1.8	



weak	1388.5	889.5	28	3.3	2.2	4.32
wealth	1392.4	683.6	30	4.3	2.3	4.94
wean	1511.9	840.7	28	2.8	2	
wear	1582.6	772.2	28	3.3	2.1	3.22
weave	1469.1	697.3	31	5.1	2.2	
web	1072.8	456.6	31	6	2	5.96
wed	1598	1224.8	30	4.5	2.3	
wedge	1493.8	612.5	31	5.1	2	
wee	1717.1	996.3	31	2	1.6	
weed	1395.8	1069.2	31	6.5	1.2	5.90
week	1624.6	947.6	29	3.8	2.5	4.75
weep	1438.5	866.1	31	5	1.9	5.04
weigh	1586.6	913.7	29	3.5	1.9	4.05
weird	1308.4	738.4	30	3.5	2.4	4.60
welch	1418.8	961.9	29	2.2	1.7	
weld	1739.7	1437.4	31	4.2	2.5	
well	1366.1	753	29	3.3	2.6	5.16
welsh	1499.8	795.8	30	2.6	2	
welt	1417.2	846.9	30	3.1	2.2	
wench	1587.9	818.9	30	3.8	2.4	
went	1257.8	751.4	29	1.6	1.1	3.02
wept	1399.8	961.1	30	4.6	2.3	
were	1251.1	708.5	31	1.5	1	2.54
west	1546.1	1132.9	28	4.5	2.3	
wet	1254.4	541.2	27	5.3	2.1	4.91
whack	1214.5	501.8	29	3.9	2.1	
whale	1123.6	772.7	31	6.6	1.3	
wham	1325.6	757.1	31	3.1	2.3	
wharf	1621.6	809.5	30	2.6	2	
what	1239.1	772.8	29	1.4	1.1	2.69
wheat	1161.8	518.9	30	6.5	1.2	5.78
wheel	1053.5	611.4	31	6.5	1.4	5.70
wheeze	1849.1	1026.1	30	3.8	1.9	
whelp	1461.5	890.9	30	2.9	2.2	
when	1225.4	665.7	30	1.7	1.4	2.29
whence	1428.5	839.4	31	2.1	1.9	
where	1327.3	985.9	30	1.9	1.5	2.64
whet	1398.3	908.1	31	1.9	1.6	
whey	1397.3	682.5	28	2.7	2.1	
which	1188.1	533.3	27	1.6	1.4	2.51
whiff	1410	973.8	30	3	1.9	4.55
while	1399	1208.3	30	2	1.7	2.96
whim	1399	795.7	31	1.8	1.1	
whine	1836.7	1121.8	30	3.7	2.1	
whip	1315.9	776.2	31	5	2.3	5.69
whirl	1316.6	501.2	30	4.4	2.1	
whisk	1477.1	570.2	30	3.9	2.3	
whit	1511.6	1106	29	2.7	1.9	
white	1164.8	457.5	27	6.5	1.4	5.64
whiz	1643.4	828.7	27	3	2.1	
who	1312.1	1052.7	28	1.5	1.1	2.76

whole	1607.6	1134.1	27	2.9	2.2	3.95
whom	1145.1	531	30	2.1	2	2.95
whoop	1320.4	712.5	28	3.1	2.2	
whore	1723.1	1072.5	31	5.3	2.2	
why	1396.7	1132.7	31	1.7	1.4	2.57
wick	1371	799.6	30	5.4	2.1	
wide	1511	935.4	30	4.1	2.2	4.71
width	1645.6	711.9	26	3.4	2.2	
wield	1747.3	1150.7	28	2.7	2.1	
wife	1285.1	632.2	29	5.7	2	5.28
wig	1322.4	691.4	30	6.5	1.5	5.81
wild	1450.6	844.6	28	4.1	2.2	4.87
will	1347.5	931.8	29	2.6	2.3	3.54
wilt	1316.3	934.7	31	4.1	2.3	
win	1555	1147.2	28	4	2.4	
wince	1490.4	1043	29	3.4	2.3	
winch	1567.7	1350.8	30	3.6	2.3	
wind	1470.1	709.6	31	4.7	2.1	
wine	1227.2	625.9	31	6.2	1.6	6.33
wing	1187.1	597.5	29	6.1	1.9	5.78
wink	1272.5	754	31	5.4	2.2	4.95
wipe	1443.3	778	31	5	2.2	
wire	941.5	340.8	28	6	1.7	5.58
wise	1373	773.1	30	2.9	2.2	4.40
wish	1432.8	855.7	30	3	2.3	4.16
wisp	1340.6	638.3	30	3	2.1	
wit	1325.1	797.7	30	2.6	2	
witch	1255.4	838.4	30	6.6	1.1	5.64
with	1428.1	802.5	30	1.6	1.1	2.86
wives	1173.1	372.5	30	6.1	1.5	
woe	1342.3	545.9	30	2.5	2.1	
woke	1328.6	801.1	29	3.4	2.4	
wolf	962.7	412.7	30	6.7	1.3	6.04
wolves	863.9	279.5	30	6.5	1.6	
womb	1306.9	479	31	5.7	1.9	5.23
won	1502	1512	29	3.2	2.3	
woo	1578.2	1137.9	30	2.1	1.8	
wood	978.9	388.3	31	6.5	1.1	5.42
wool	1204	496.1	30	5.8	1.9	
word	1408.3	691.9	30	3.7	2.5	
work	1370.5	1122.4	29	3.9	2.3	4.52
world	1176.3	607.2	30	6.5	1.1	5.42
worm	972.3	332.9	29	6.6	1.2	
worse	1387.4	1146.1	30	2.4	1.8	3.33
worst	1311.3	902.9	30	2.2	1.6	
worth	1654.3	1101.3	30	2.3	1.5	2.45
would	1517.7	1341.9	30	1.6	1.3	1.90
wound	1864.7	913.2	31	5.4	1.9	
wove	1559.3	980	29	3.4	2.1	
wrack	1871.2	1314.2	31	2.4	1.7	
wrap	1537.8	757	30	4.6	2.4	4.76

wrath	1511.8	765.6	31	3.1	1.9	3.71
wreak	1890.7	1272.4	31	3.7	2.4	
wreath	1407.5	966.9	30	5.4	2.2	
wreathe	1482.6	857.8	29	4.3	2.6	
wreck	1314.3	680.9	31	5.1	2.2	6.19
wren	1510.7	853.7	30	3.1	2.4	
wrench	1192.6	408.2	31	5.2	2.3	
wretch	1753.1	766.4	28	2.6	1.7	
wring	1640.4	1216.3	30	3.1	1.9	
wrist	1052.6	536.4	31	6.4	1.5	
writ	1486.8	971.7	31	2.1	1.8	
write	1204.5	742.6	29	4.8	2.4	5.42
writhe	1691.4	1270.7	28	2.5	1.8	
wrong	1352.4	691.6	30	2.4	1.7	
wrote	1417	753.6	30	3.6	2.4	4.63
wroth	1470.5	888.9	30	2.1	1.5	
wrought	1358.4	1085.7	31	2	1.8	
wrung	1789	960	29	3.2	2.4	
wry	1303.8	727.4	31	1.6	1.1	
yacht	1744.3	1160.4	31	6.2	1.5	6.16
yak	1130.3	458.4	30	3.8	2.6	
yam	1473.8	879.4	30	4.8	2.5	
yank	1130.5	399.7	31	4	2.4	
yap	1396.8	778.8	31	3	2.3	
yard	1192.4	575.2	31	6.2	1.8	5.82
yarn	1104	386	31	6.2	1.7	
yawn	1428	787.3	31	5.2	2.2	5.39
yea	1404.6	851	30	2.2	1.5	
year	1386.8	677	30	3.9	2.4	4.15
yearn	1592.1	827.3	29	2.9	1.9	
yeast	1262.8	635.5	30	5.3	2.1	
yell	1288.6	535.1	31	4.2	2.4	4.95
yelp	1645.2	1088.9	30	3.4	2.3	
yen	1361.1	939.8	30	2.6	2.2	
yes	1323.6	613.2	31	2.3	2	
yet	1105.7	601.2	31	1.8	1.5	2.31
yew	1563.5	1038.6	31	2.1	2	
yield	1415.8	624.4	29	4.1	2.3	
yoke	1456.6	905.7	31	5.3	2.4	5.08
yolk	1215.6	530.4	31	5.2	2.1	5.24
yore	1323.5	739.6	30	1.5	0.9	
you	1514	855	31	3.1	2.6	4.28
young	1541.5	989.8	29	4.3	2.1	
youth	1780.1	1263.7	28	4.9	2.1	4.82
yule	1603.5	809	31	2.5	2	
zeal	1486.9	807.4	31	2.1	1.7	3.41
zest	1638.1	958.7	31	3.2	2.5	
zinc	1627	813.7	31	4.7	2.6	
zing	1128.3	814.6	30	2.3	1.9	
zip	1318.8	679.4	29	5.1	2.2	
zone	1227.5	871.1	31	4.1	2.5	4.56

zoo	966.5	329.5	30	6.8	0.6	6.07
zoom	1224.8	570.2	29	3.5	2.3	