

Test 1 – 25 Questions in 6 Minutes

1) What is the missing number?

0, 1, 1, 2, 3, 5, 8, __, 21, 34

Answer: _____

2) Which identical three-letter word, when placed in front of the following words, forms a new word?

FUSE, CLAIM, DUCT, CREATE, FIT, FOUND, LONG

Answer: _____

3) Bruce likes 324 but not 325. He likes 2500 but not 2400. He likes 121 but not 122. Which does he like?

a) 900

b) 800

Answer: _____

4) What is the next letter in this sequence?

A B A C B C B D C

Answer: _____

5) Counting from 1 to 100, how many 6s will you encounter?

a) 10

b) 11

c) 18

d) 19

e) 20

Answer: _____

Test 1 Answers

1) What is the missing number?

0, 1, 1, 2, 3, 5, 8, __, 21, 34

Answer: 13

Each number is the sum of the previous two.

2) Which identical three-letter word, when placed in front of the following words, forms a new word?

FUSE, CLAIM, DUCT, CREATE, FIT, FOUND, LONG

Answer: PRO

The words created are profuse, proclaim, product, procreate, profit, profound and prolong.

3) Bruce likes 324 but not 325. He likes 2500 but not 2400. He likes 121 but not 122. Which does he like?

a) 900

b) 800

Answer: (a) 900

Bruce likes square numbers. 324 is 18^2 , 2500 is 50^2 , 121 is 11^2 , and 900 is 30^2 .