# ASVAB Arithmetic Reasoning Questions and Answers | Rated 100%

1

If x, y, and z are integers with xsy and y>z, which of the following could x, y, and z represent (respectively)?

A 3, 2, 3 B. 3, 2, 3 C. 1, 2, 3 D. 3, 2, 1

Answer: A-x="3, y="2, z="3."3 is less than or equal to "2, and 2 is greater than "3

2: The number 1/2 is a \_\_\_\_\_\_.

C. A. Whole number B. Rational number C. C. Decimal D. Percentage

Answer: B - ½ is a rational number. A fraction is a rational number in regards to a/b if a and b are both positive integers and b is not equal to 0. Whole numbers, mixed numbers, and decimals are also rational numbers.

3:Which of the following uses the doubling method of informal counting to solve the following:3+4=

C A. (1+1+1)+(1+1+1+1)=7 B. (3+4)+(3+4)-(3+4)=7 C. 3+4=(3+3)+1=6+1=7 D. 2+2+2+1=7

Answer: C -The doubling method would be 3 + 4 = (3 + 3) + 1 = 6 + 1 = 7. Using the doubling method of informal counting involves taking apart a number so that it is the same number as the one being added to it and then adding the difference. It is a way to do mental math easily in one's head.

4:Solve the following equation: 1 3/8 ÷ 2/3 =

A. 1/3 B. 1 1/3 C. 33/16 D. 1 5/8

Answer: C- 1 3/8 ÷ 2/3 = 33/16. 1 3/8 is equal to 11/8. Multiply 11/8 by the reciprocal of 2/3 when dividing. By multiplying 11/8 by 3/2, you get 33/16.

5:Solve the following equation:3/6 + 2/5 + 1/3 =

A 70/64

B. 37/30

C. 1/3

D. 16/3

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