Arithmetic

1. Add 0.98 + 45.102 + 32.3333 + 31 + 0.00009

368.573

210.536299

109.41539

99.9975

80.8769543

2. Find 0.12 ÷ 1

12

1.2

.12

.012

.0012

3. (9 ÷ 3) x (8 ÷ 4) =

1

6

72

576

752

4. 6 x 0 x 5

30

11

25

0

27

5. 7.95 ÷ 1.5

2.4

5.3

6.2

7.3

7.5

6. -32 + 7 equals:

-25

25

-26

26

27

7. -37 + -47 equals:

64

-84

65

-75

-66

8. 41% equals:

4.1

.41

.041

.0041

.00415

Answers & Explanations

1. C: Aligning the decimals at the decimal point and adhering to the same integer addition computation properties, the sum is equal to 109.41539.

2. C: Any number divided by 1 is equal to itself, thus 0.12 x 1 = 0.12.

3. B: By first performing the computations within the parentheses, the expression may be rewritten as 3 x 2, which equals 6.

4. D: The product is 0, since the product of any number, or numbers, and 0, equals 0.

5. B: The division may be performed by first dividing 1.5 into 7.9 and then dividing 1.5 into 0.45. Doing so gives a quotient of 5.3

6. A: Addition of 7 to the integer, -32, shows a movement of 7 units to the right, giving a sum of -25.

7. B: The sum of the two negative integers will be negative. Starting at -37 on a number line and moving 47 units to the left, gives a sum of -84.

8. B: The percentage, 41%, may be converted to a decimal by moving the decimal point two places to the left. In other words, 41 is divided by 100 (or multiplied by 1/100), since one percent represents one-hundredth.