

Arithmetic

1

Quantity A

$$39 - (25 - 17)$$

$$39 - 8 = 31$$

Quantity B

$$39 - 25 - 17$$

$$14 - 17 = -3$$

2

Quantity A

$$14 - 3(4 - 6)$$

$$3(4 - 6) = -6$$

$$14 + 6 = 20$$

Quantity B

$$(4 - 3)(2 - 1)$$

$$-1 \cdot 2$$

$$-2 \rightarrow 24$$

3

Quantity A

$$-5 \times 1 \div 5$$

$$-5 \div 5 = -1$$

C

Quantity B

$$-6 \times 1 \div 6$$

$$-6 \div 6 = -1$$

4

$$5 - (4 - (3 - (2 - 1)))$$

$$3 - 1 \rightarrow 2$$

(3)

5

Quantity A

$$17(6) + 3(6)$$

C

Quantity B

$$6(17) + 6(3)$$

6

Quantity A

$$-2^3 / 2$$

$$-8 / 2 = -4$$

Quantity B

$$(-2)^2 = 4$$

7

Quantity A

$$5^3 - 5^2$$

$$\begin{array}{r} 125 \\ - 25 \\ \hline 100 \end{array}$$

$$\frac{1}{5} = 5$$

Quantity B

$$5$$

8

Quantity A

$$-10 - (-3)^2$$

$$-10 - 9 = -19$$

C

Quantity B

$$-[10 + (-3)^2]$$

$$-10 - 9 = -19$$

9

(A) 8/5

(B) 16/5

(C) 2

(D) 20

(E) 28

$$32 / (4 + 6 \times 2) =$$

$$(4 + 12)$$

$$32 / 16 = 2$$

10

Quantity A

$$(30,000,000)(2,000,000)$$

$$30 \times 2 = 60$$

C

Quantity B

$$(15,000,000)(4,000,000)$$

$$15 \times 4 = 60$$