

Name: Class:

Evaluate numerical expressions with parentheses in different places



a. Tick the expression that has a value of 19 ?

$5 \times (3 + 4)$

$(5 \times 3) + 4$

c. Tick the expression that has a value of 58?

$60 - (24 \div 12)$

$(60 - 24) \div 12$

b. Tick the expression that has a value of 85 ?

$40 + (10 \times 3 + 15)$

$(40 + 10 \times 3) \div 15$

d. Tick the expression that has a value of 100

$72 - 12 - (20 \times 2)$

$72 - (12 - 20 \times 2)$

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Evaluate numerical expressions with parentheses in different places



a. Tick the expression that has a value of 19 ?

$5 \times (3 + 4)$ $(5 \times 3) + 4$

Let's find the value of each expression

Let's start with $5 \times (3 + 4)$

$$5 \times (3 + 4) = 5 \times (7)$$

$$5 \times 7 = 35$$

So, the value of $5 \times (3 + 4)$ is 35Now, let's solve for $(5 \times 3) + 4$

$$(5 \times 3) + 4 = (15) + 4$$

$$15 + 4 = 19$$

The value of $(5 \times 3) + 4$ is 19.

Therefore, the correct answer is option b

c. Tick the expression that has a value of 58?

$60 - (24 \div 12)$ $(60 - 24) \div 12$

Let's find the value of each expression

Let's start with $60 - (24 \div 12)$

$$60 - (24 \div 12) = 60 - (2)$$

$$60 - 2 = 58$$

The value of $60 - (24 \div 12)$ is 58.Now, let's solve for $(60 - 24) \div 12$

$$(60 - 24) \div 12$$

$$36 \div 12 = 3$$

So, the value of $(60 - 24) \div 12$ is 3

Therefore, the correct answer is option a

b. Tick the expression that has a value of 85 ?

$40 + (10 \times 3 + 15)$ $(40 + 10 \times 3) \div 15$

Let's find the value of each expression

Let's start with $40 + (10 \times 3 + 15)$

$$40 + (10 \times 3 + 15) = 40 + (45)$$

$$40 + 45 = 85$$

The value of $40 + (10 \times 3 + 15)$ is 85.Now, let's solve for $(40 + 10 \times 3) \div 15$

$$(40 + 10 \times 3) \div 15$$

$$70 \div 15 = 4.666$$

So, the value of $(40 + 10 \times 3) \div 15$ is 4.7

Therefore, the correct answer is option a

d. Tick the expression that has a value of 100

$72 - 12 - (20 \times 2)$ $72 - (12 - 20 \times 2)$

Let's find the value of each expression

Let's start with $72 - 12 - (20 \times 2)$

$$72 - 12 - (20 \times 2) = 72 - 12 - (40)$$

$$72 - 12 - 40 = 20$$

The value of $72 - 12 - (20 \times 2)$ is 20Now, let's solve for $72 - (12 - 20 \times 2)$

$$72 - (12 - 20 \times 2) = 72 - (-28)$$

$$72 + 28 = 100$$

So, the value of $72 - (12 - 20 \times 2)$ is 100

Therefore, the correct answer is option b