

Name _____

Date _____

Parentheses, Brackets, and Braces in Expressions - Guided Lesson Explanation**Explanation #1**

Solve the bigger bracket $[(6 \times 3) - 3]$

$$6 \times 3 = 18$$

$$18 - 3 = 15$$

$$[(6 \times 3) - 3] = 15$$

Now solve (4×5)

$$4 \times 5 = 20$$

$$15 \times 20 = 300$$

$$[(6 \times 3) - 3] \times (4 \times 5) = 300$$

The answer will be '300'.

Explanation #2

The equation is there in the question; we have to correctly insert the parentheses, i.e., ().

You could place the parentheses in many places. Drop it in and work the problems through to see which one gives you a final answer of 4.

The answer will be: $(5 + 3) \times 2 \div 4 = 4$

Explanation #3

$$[(7 \times 7) + 1] \times (10 - 8)$$

$7 \times 7 = 49$ Solve the bigger bracket first.

$$49 + 1 = 50$$

$50 \times (10 - 8)$ Look at where we are now.

$10 - 8 = 2$ Solve the smaller bracket.

$50 \times 2 = 100$ multiply the numbers

100 The answer is (b).

