Order of Operations with Parentheses

Exit Quiz

Math 5

Part 1: The following numerical expressions were evaluated incorrectly. Encircle the error in the solution and provide a short explanation of the mistake found.

1.

$$(10 + 8) \div (9 - 6) + 6 \times 4$$

$$18 \div (9 - 6) + 6 \times 4$$

$$18 \div 3 + 6 \times 4$$

$$18 \div 9 \times 4$$

$$2 \times 4$$

$$8$$

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2.

$$36 \div (6 \times 2) - [(21 \div 3) + 5]$$

$$36 \div (6 \times 2) - [7 + 5]$$

$$36 \div (6 \times 2) - 12$$

$$6 \times 2 - 12$$

$$12 - 12$$

$$0$$

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Order of Operations with Parentheses

Part 2: Evaluate the following numerical expressions.

1.

$$[5 + (3 \times 5)] \div 4 - (8 - 3)$$

2.

$$2 \times (28 \div 4) - [14 \div (16 - 9)]$$

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