

**Additional Practice****1.16**

- 1** What is the correct order of operations for this expression when simplifying?  $72 \div (3 + 5) \times 8 - 4$

The operation that should be performed *first* is...

- (A) parentheses                      (B) multiplication

The operation that should be performed *second* is...

- (A) division                      (B) multiplication

- 2** What is the correct order of operations for this expression when simplifying?  $4 \times (2 \times 7) \times 9 - 2$

The operation that should be performed *first* is...

- (A) parentheses                      (B) multiplication

The operation that should be performed *second* is...

- (A) multiplication                      (B) subtraction

**For Problems 3 and 4, use the scenario.**

A teacher received a new shipment of pencils.

- The shipment contained 5 packs, with 18 pencils in each pack.
- The teacher moved 30 pencils from storage to the classroom.
- The teacher divided the pencils into 6 pencil holders.

- 3** Circle the expression that represents the number of pencils the teacher has all together.

$$(5 \times 18) + 30 \div 6$$

$$[(5 \times 18) + 30] \div 6$$

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- 4** Simplify the expression to determine the number of pencils in each pencil holder.

 **Show your thinking.**

**answer:** \_\_\_\_\_