Name _____ Date _____

Skills Maintenance

Using Order of Operations

Activity 1

Evaluate the expressions using order of operations. Show your work.

1. $3 \cdot (4 + 6) - 10$

   Evaluate _____

2. $(5 + 3) \cdot (4 - 1) \div 4$

   Evaluate _____

3. $5 + (14 - 6) \cdot 3 + (2 + 3)$

   Evaluate _____

4. $6 + 2 \cdot 3 + 4 + (27 - 19)$

   Evaluate _____

Name _____ Date _____

Apply Skills

Putting PEMDAS in the Toolbox

Activity 1

Circle the part of the expression that you should evaluate first.

Model	$5 + 7 \cdot (3^2) + 8 - 4$

1. $8 + (2 + 7) - 15 \div 4$
2. $3 + 12 - 8 \div 2 \cdot 1$
3. $6 \cdot (4 + 3) - 4^2 \div 8$
4. $(5^2 - 8) + 7 \cdot 2$

Activity 2

Evaluate each expression using PEMDAS. Show your work.

1. $3^2 - (4 + 3) \cdot 8 - 4$

   Evaluate _____

2. $(27 - 11) + 28 \div 2^2 \cdot 3$

   Evaluate _____

3. $6 \cdot (12 - 4) - 12 - (3 \cdot 4)$

   Evaluate _____

Name _____ Date _____

Problem-Solving Activity

Identifying Ways Shapes Are Different

In each problem, you are given an attribute of a three-dimensional shape. Sketch a picture of a shape that has this attribute. You don't need to use any measurement tools. Next, sketch a picture of a shape that does not have this attribute. Compare the two shapes you sketched, then explain in writing how the attribute makes the shapes look different. Use as many of the new vocabulary words discussed in Lesson 3 as you can.

1. Attribute: a vertex

Sketch a shape with this attribute.

Sketch a shape that does not have this attribute.

Explain how this makes the shapes different.

_____

_____

_____

2. Attribute: parallel bases

Sketch a shape with this attribute.

Sketch a shape that does not have this attribute.

Explain how this makes the shapes different.

_____

_____

_____

mBook **Reinforce Understanding**
Use the **mBook *Study Guide*** to review lesson concepts.