Name _____ Date _____

Skills Maintenance
Writing Different Expressions to Describe a Pattern

Activity 1

Write two different expressions to describe the three consecutive numbers in each problem.

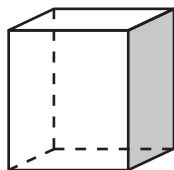|	
Model	70, 75, 80 Answer If $x = 70$, the pattern is x, $x + 5$, $x + 10$. If $x = 75$, the pattern is $x - 5$, x, $x + 5$.

1. 1, 2, 3

2. 2, 4, 6

Calculating Volume

Activity 2

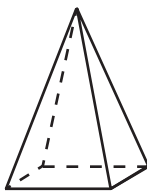**Compute the volume for each of the objects.**

1.

If a cube has a Base of 25 cm^2 and a height of 5, what is its volume? _____

2.

If a triangular prism has a Base of 10 cm^2 and a height of 6, what is its volume? _____

Name _____ Date _____

%÷ Apply Skills
=<x Common Sense Algebraic Properties

Activity 1

Write a general statement that describes the common sense property shown by the examples in each problem. Then write the name of that property.

Model	$5 + 0 = 5$ $2.5 + 0 = 2.5$ $\frac{1}{2} + 0 = \frac{1}{2}$ General Statement ___$n + 0 = n$___ Name of Property ___Additive Identity Property___

1. $6 \cdot 1 = 6$ $\frac{1}{4} \cdot 1 = \frac{1}{4}$ $37.5 \cdot 1 = 37.5$

   General Statement _____

   Name of Property _____

2. $3 \cdot 0 = 0$ $\frac{4}{5} \cdot 0 = 0$ $100.12 \cdot 0 = 0$

   General Statement _____

   Name of Property _____

3. $2 \cdot \frac{1}{2} = 1$ $5 \cdot \frac{1}{5} = 1$ $75 \cdot \frac{1}{75} = 1$

   General Statement _____

   Name of Property _____

4. $3 + -3 = 0$ $\frac{2}{3} + -\frac{2}{3} = 0$ $1.25 + -1.25 = 0$

   General Statement _____

   Name of Property _____

5. $\frac{2}{3} \cdot \frac{3}{2} = 1$ $\frac{4}{5} \cdot \frac{5}{4} = 1$ $\frac{100}{200} \cdot \frac{200}{100} = 1$

   General Statement _____

   Name of Property _____

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