Name _____ Date _____

Skills Maintenance
Integer Addition and Subtraction

Activity 1

Solve the problems involving addition and subtraction of integers.

1. $-10 + 20$ _____

2. $15 - -5$ _____

3. $-3 - 5$ _____

4. $-25 + -35$ _____

5. $14 + -3$ _____

6. $-20 - -10$ _____

7. $15 + -5$ _____

8. $-3 + -5$ _____

Name _____ Date _____

Apply Skills
Multiplication and Division of Integers

Activity 1

Solve the problems involving multiplication and division of integers. Remember the PASS rules.

1. $-9 \cdot -5 =$ _____

2. $45 \div -9 =$ _____

3. $-7 \cdot$ _____ $= 56$

4. $-45 \div$ _____ $= -9$

5. $-56 \div 8 =$ _____

6. $-7 \cdot$ _____ $= 56$

7. $-81 \div$ _____ $= 9$

8. _____ $\cdot -4 = -28$

Activity 2

Solve the problems involving a mix of integer operations. Remember all of the integer rules.

1. $-3 + 7 =$ _____

2. $17 - -2 =$ _____

3. $-6 \cdot -6 =$ _____

4. $28 \div -4 =$ _____

5. $-6 \cdot$ _____ $= 42$

6. $-32 \div$ _____ $= 4$

7. $-12 - 15 =$ _____

8. $18 - 25 =$ _____

Name _____ Date _____

📝 Problem-Solving Activity
Concept of Volume

Estimate the volume of common three-dimensional objects, such as pans or boxes, using informal measuring tools like the materials shown in the *Student Text*.

On your paper, write the name of the object you are measuring and its shape. Then fill the object with one of the materials from the *Student Text* and estimate the volume by describing how much of the material you need to fill it. Write the estimate on your paper next to the object. Be sure to include the units (e.g., 2 cups of water, 10 marbles, 15 cubes, or 1 $\frac{1}{2}$ cups of rice). Make a table that looks like this on your paper and fill in your findings.

Object	Shape	Unit of Measure	Volume Estimate
Pan	Cylinder	Water	About 3 cups of water
Box	Rectangular prism	Rice	About 5 cups of rice

After you measure all the objects, compare your volume estimates for the various three-dimensional objects with other students sitting around you. Are your answers the same? Explain why or why not. How do you think your estimates compare to an exact measurements? How are the units the same? How are they different?

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