

Name \_\_\_\_\_ Date \_\_\_\_\_

**Skills Maintenance****Evaluating Expressions****Activity 1**

Evaluate the expressions. Select the correct answer.

1.  $3 + -2 \cdot 5$ 
  - (a)  $-7$
  - (b)  $7$
  - (c)  $6$
  
2.  $-1 \cdot 4 + 7$ 
  - (a)  $-11$
  - (b)  $3$
  - (c)  $11$
  
3.  $-7 - 42 \div 7$ 
  - (a)  $7$
  - (b)  $-13$
  - (c)  $-7$
  
4.  $4 - 8 + 4$ 
  - (a)  $-8$
  - (b)  $16$
  - (c)  $0$

Name \_\_\_\_\_ Date \_\_\_\_\_

 **Apply Skills**  
**Multistep Equations****Activity 1**

Solve the equations. Show all of the steps involved. Check your work by substituting the value for the variable back into the original equation.

1.  $3x + 9 = 27$

Show your work here:

$x = \underline{\hspace{2cm}}$

Check your work here:

2.  $4x - 12 = 24$

Show your work here:

$x = \underline{\hspace{2cm}}$

Check your work here:

3.  $-3 + -4 + 6x = 35$

Show your work here:

$x = \underline{\hspace{2cm}}$

Check your work here:

4.  $-2x - 3 + 5 = -10$

$x = \underline{\hspace{2cm}}$

Check your work here:

Name \_\_\_\_\_ Date \_\_\_\_\_

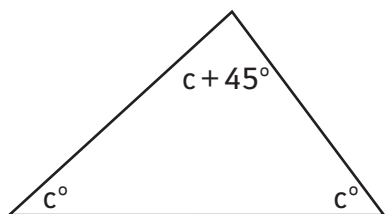


## Problem-Solving Activity

### Angle Measurement of Irregular Polygons

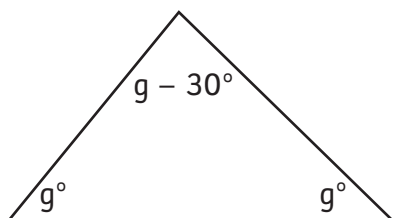
Use the table *Polygons and the Sums of the Measures of Interior and Exterior Angles* from the *Student Text* to solve the problems. Make sure you write an algebraic equation to solve each problem.

1.



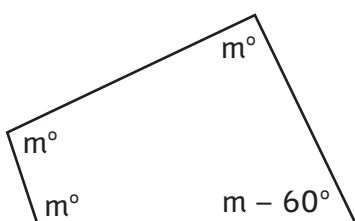

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2.




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3.




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### Reinforce Understanding

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