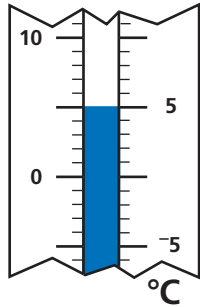


# Problem Solving Test Prep

Choose the correct answer.

- 1 What will the temperature be if the temperature drops  $9^{\circ}\text{C}$ ?

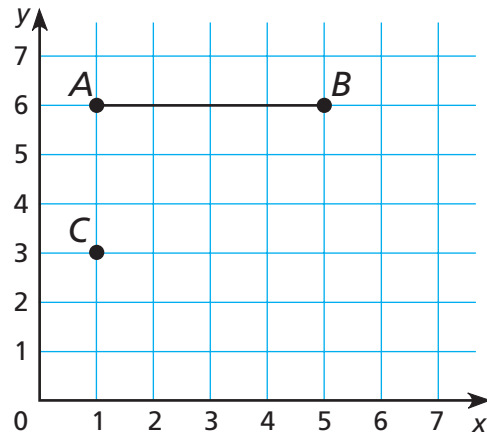


- A.  $5^{\circ}\text{C}$                       C.  $-4^{\circ}\text{C}$   
 B.  $4^{\circ}\text{C}$                         D.  $-5^{\circ}\text{C}$

- 2 A rectangular prism is 8 cm long, 4 cm wide, and 2 cm high. What are the length, width, and height of a cube with the same volume?

- A. 8 centimeters  
 B. 4 centimeters  
 C. 3 centimeters  
 D. 2 centimeters

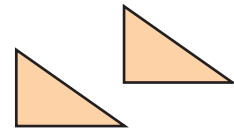
- 3 Line segment  $\overline{AB}$  is parallel to  $\overline{CD}$ . Which could be the coordinates of point  $D$ ?



- A. (5,6)                          C. (6,1)  
 B. (1,6)                        D. (5,3)

- 4 Which transformation is shown?

- A. reflection  
 B. rotation  
 C. translation  
 D. translation and rotation



## Show What You Know

Solve each problem. Explain your answer.

- 5 A game spinner has 6 equal sections labeled 1–6. Name an outcome that would give two players an equal a chance of winning. Explain.

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- 6 A bar graph shows that the Tigers won 9 baseball games in April, 3 more than that in May, and 2 fewer in June than in April. How many games did the team win in the 3 months? Explain.

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