

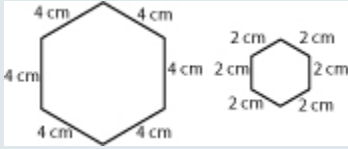
## 5-2 Weekly Homework

Name \_\_\_\_\_

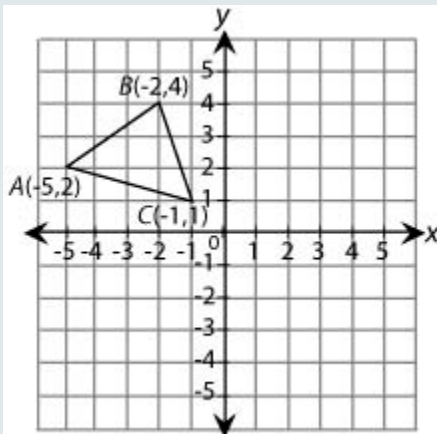
Teacher \_\_\_\_\_

Period \_\_\_\_\_

1. Which of the following BEST describes the relationship between the two hexagons?



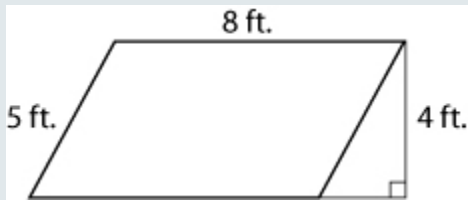
- A. congruent but not similar
  - B. congruent and similar
  - C. neither similar nor congruent
  - D. similar but not congruent
2. Triangle  $ABC$  is shown on the coordinate plane below.



What are the coordinates of point  $B$  after reflection across the  $y$ -axis?

- A.  $(-4, -2)$
- B.  $(2, 4)$
- C.  $(-2, -4)$
- D.  $(4, 2)$

3. What is the area of the parallelogram shown below?



- A.  $40 \text{ ft.}^2$   
B.  $12 \text{ ft.}^2$   
C.  $13 \text{ ft.}^2$   
D.  $32 \text{ ft.}^2$
4. Heather needs to drill a hole 0.2 inch in diameter. Which of the following is closest to 0.2 inch?

- A.  $\frac{6}{8} \text{ in}$   
B.  $\frac{3}{8} \text{ in.}$   
C.  $\frac{3}{16} \text{ in.}$   
D.  $\frac{2}{32} \text{ in}$

5. Allison walked her dog 2.15 miles this morning. Which of the following is equivalent to 2.15?

- A.  $3\frac{1}{2}$   
B.  $2\frac{1}{4}$   
C.  $2\frac{1}{15}$   
D.  $2\frac{3}{20}$