

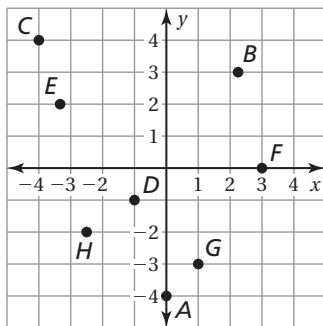
# 6.5 Puzzle Time

## What Has Stars and Stripes?

Write the letter of each answer in the box containing the exercise number.

Write an ordered pair corresponding to the point.

- 1. Point *A*
- 2. Point *B*
- 3. Point *C*
- 4. Point *D*
- 5. Point *E*
- 6. Point *F*
- 7. Point *G*
- 8. Point *H*



Plot the ordered pair in a coordinate plane. Describe the location of the point.

- 9.  $(6, -2)$
- 10.  $(2\frac{1}{8}, 6)$

- 11.  $(-1, 2)$
- 12.  $(-4.8, -6.1)$

Plot the points and find the distance between the points.

- 13.  $(3, -4), (7, -4)$
- 14.  $(5\frac{1}{2}, 3), (5\frac{1}{2}, -2)$

- 15.  $(2, -2.4), (2, 4.6)$
- 16.  $(-1, 4), (-1, 6)$

- 17. A rectangle is drawn in a coordinate plane with the vertices  $A(-3, 4), B(6, 4), C(6, -3),$  and  $D(-3, -3)$ . Find the area of the rectangle.

### Answers for 1–8

O.  $(2.25, 3)$       E.  $(-3\frac{1}{3}, 2)$

A.  $(0, -4)$       E.  $(-4, 4)$

A.  $(3, 0)$

I.  $(-2\frac{1}{2}, -2)$

O.  $(-1, -1)$       U.  $(1, -3)$

### Answers for 9–12

A. Quadrant I

T. Quadrant II

R. Quadrant III

A. Quadrant IV

### Answers for 13–17

B. 7      Z. 63

B. 4      V. 5

M. 2

9		16	4	14	8	3		10	13	2	7	11		6		17	5	15	12	1
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