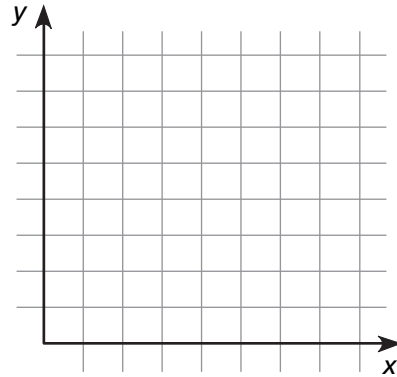


Moving Figures on a Coordinate Grid

Use the grid to draw the figures for items 1–3.

1 Follow the directions to draw the figure.

- Mark **A** at (8,5). Draw \overline{AB} .
- Mark **B** at (5,5). Draw \overline{BC} .
- Mark **C** at (3,3). Draw \overline{CD} .
- Mark **D** at (6,3). Draw \overline{DA} .



2 Subtract 3 from both coordinates of each point, and label the new figure #2.

Original Points	New Points
(8,5)	(5, 2)
(5,5)	
(3,3)	
(6,3)	

3 Add 3 to the vertical (second) coordinate of each point, and label the new figure #3.

Original Points	New Points
(8,5)	(8,8)
(5,5)	
(3,3)	
(6,3)	



Test Prep

4 Mr. Macus needs to visit the Bank, the Library, and the Post Office tomorrow. Here are some of the possible orders he might visit them.

- 1. Bank
- 2. Post Office
- 3. Library

- 1. Library
- 2. Post Office
- 3. Bank

- 1. Bank
- 2. Library
- 3. Post Office

List all of the other possible orders he might follow.