Name _____ Date _____
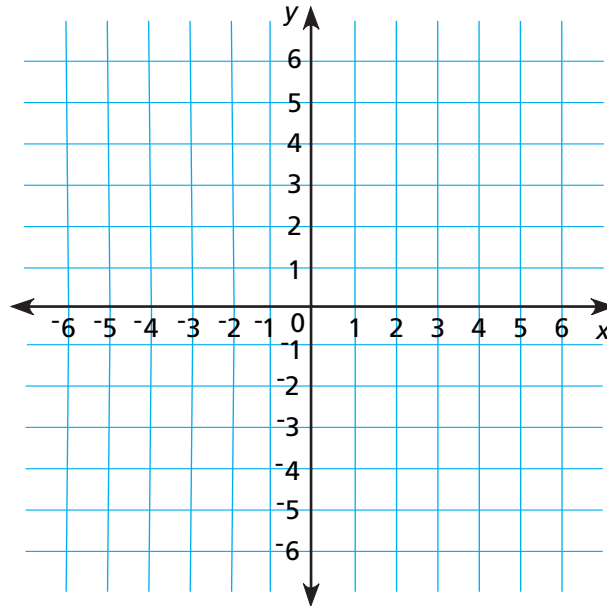
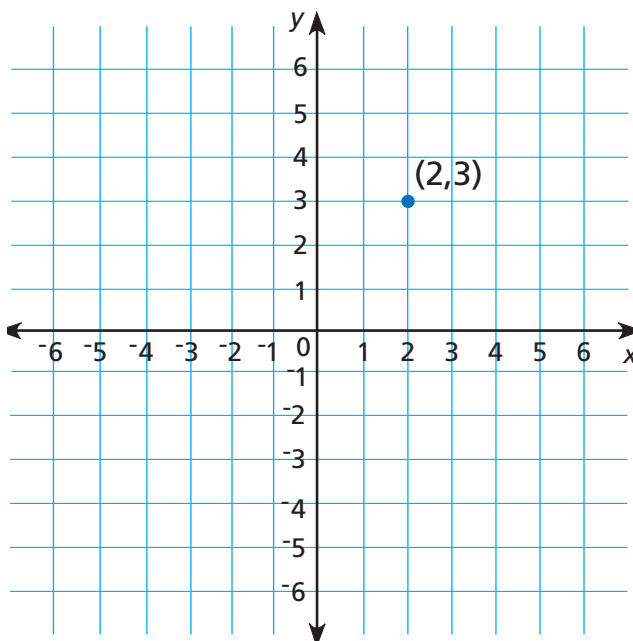# Moving on a Coordinate Grid

NCTM Standards 3, 7, 8, 10

Follow the directions to locate and label each point on the grid.
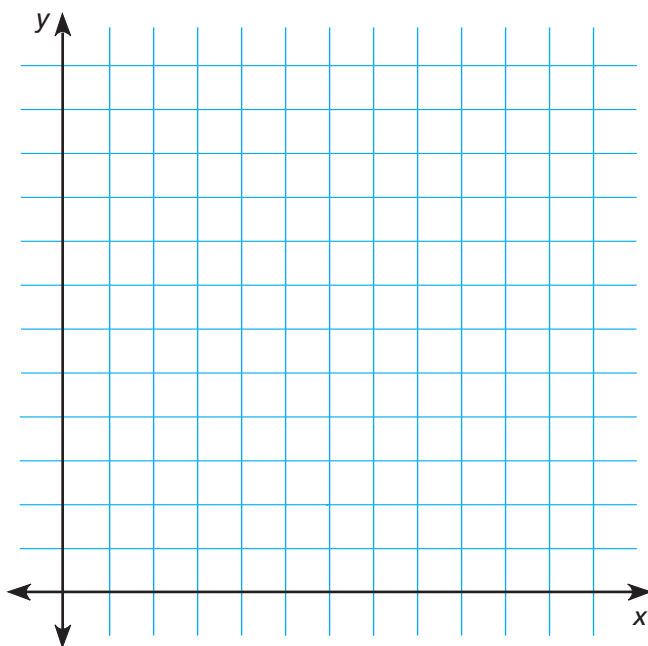

1 Find $(6, {}^-5)$ on the graph and label it *A*.

2 Translate (slide) *A* left two spaces and up one space.
Label the new point *B*. What are the coordinates of *B*? _____

3 Translate *B* left two spaces and up one space.
Label this point *C*. What are the coordinates of *C*? _____

4 Translate *C* left two spaces and up one space.
Label this point *D*. What are the coordinates of *D*? _____

5 Translate *D* left two spaces and up one space.
Label this point *E*. What are the coordinates of *E*? _____

6 Translate *E* left two spaces and up one space.
Label this point *F*. What are the coordinates of *F*? _____

7 Translate *F* left two spaces and up one space.
Label this point *G*. What are the coordinates of *G*? _____

8 Find as many points as you can for which the sum of the horizontal and vertical coordinates is 5. Label each point with its coordinates.

(2,3)

Challenge

9 Find as many points as you can for which the product of the horizontal and vertical coordinates is 24. Label each point with its coordinates.

10 Describe the graph of all the points with a horizontal coordinate equal to zero.

Points on _____