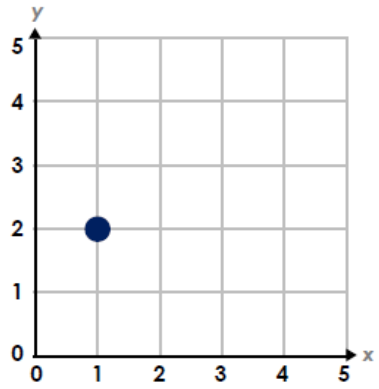
Move on a Grid

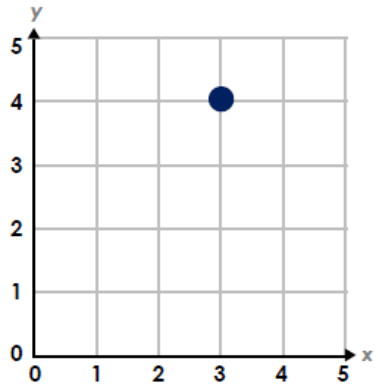
1a. Translate the point 2 squares right. Record the new coordinates.



VF

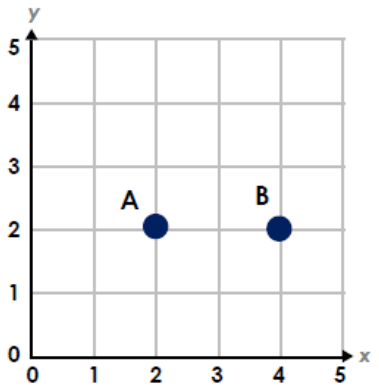
Move on a Grid

1b. Translate the point 4 down. Record the new coordinates.



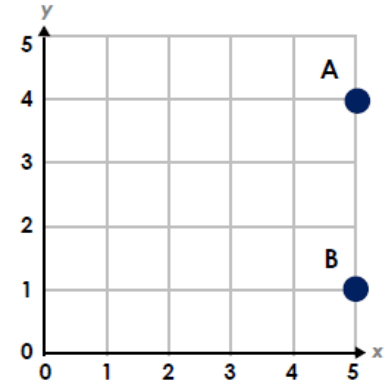
VF

2a. True or False? Point A has been translated 2 left to point B.



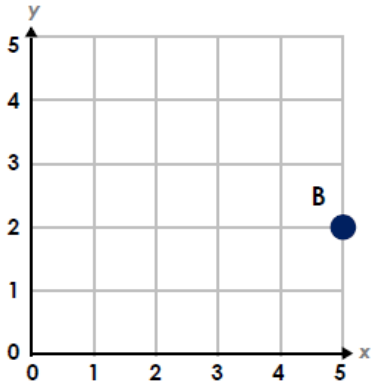
VF

2b. True or False? Point A has been translated 3 down to point B.



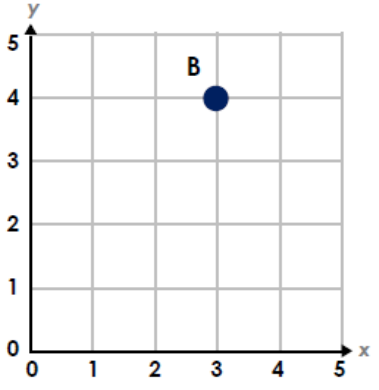
VF

3a. Point A has been translated 2 squares right to point B. Record the original coordinates for point A.



VF

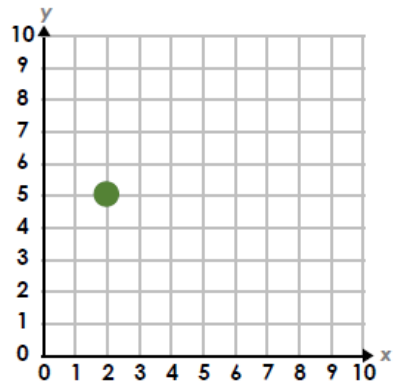
3b. Point A has been translated 3 squares up to point B. Record the original coordinates for point A.



VF

Move on a Grid

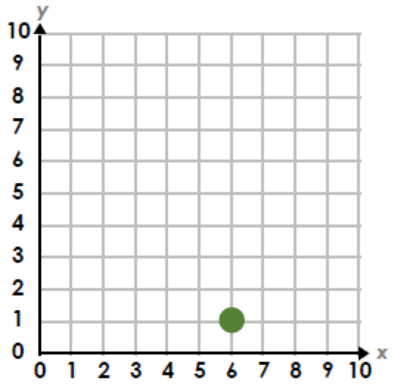
4a. Translate the point 3 right and 4 down. Record the new coordinates.



VF

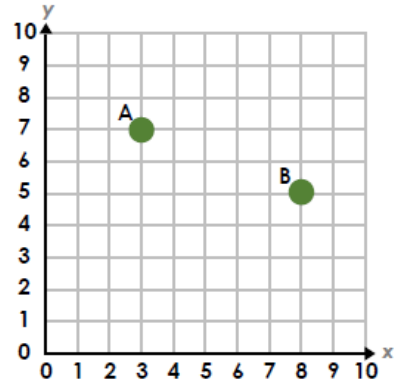
Move on a Grid

4b. Translate the point 5 left and 2 up. Record the new coordinates.



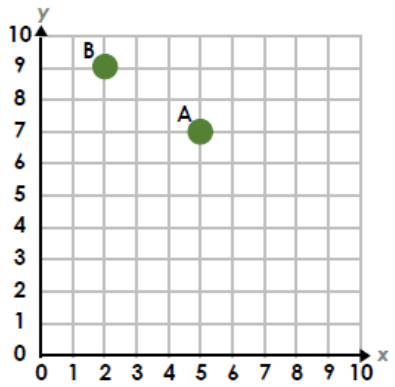
VF

5a. True or False? Point A has been translated 6 right and 2 down to point B.



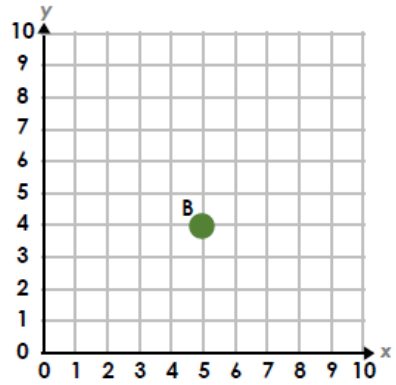
VF

5b. True or False? Point A has been translated 2 up and 3 left to point B.



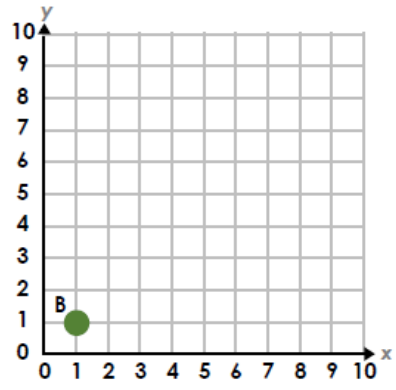
VF

6a. Point A has been translated 3 squares right and 5 squares down to point B. Record the original coordinates for point A.



VF

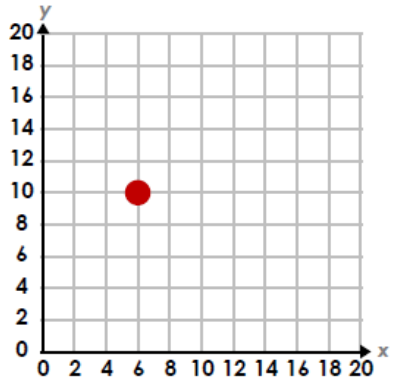
6b. Point A has been translated 3 squares left and 5 squares down to point B. Record the original coordinates for point A.



VF

Move on a Grid

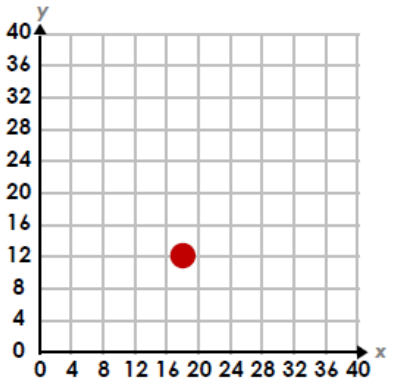
7a. Translate the point 4 left and 6 down. Record the new coordinates.



VF

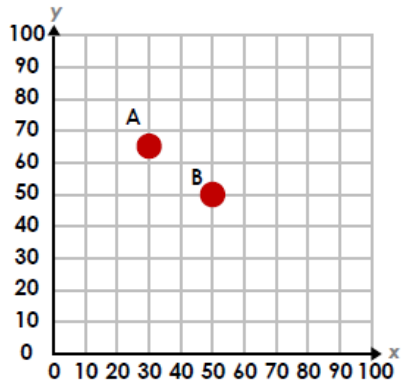
Move on a Grid

7b. Translate the point 10 right and 12 up. Record the new coordinates.



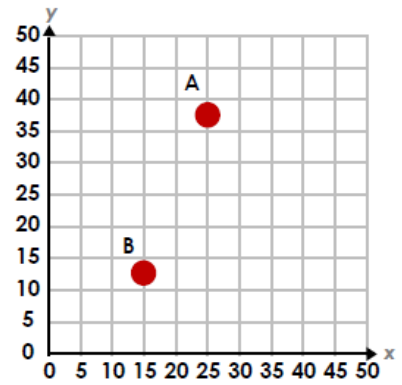
VF

8a. True or False? Point A has been translated 20 left and 15 down to point B.



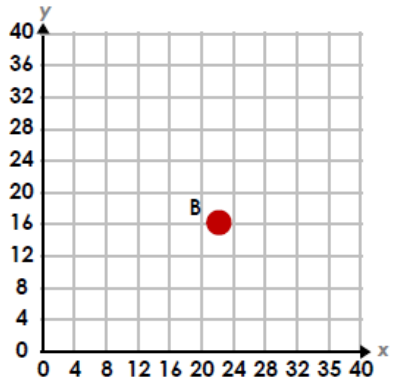
VF

8b. True or False? Point A has been translated 10 left and 25 down to point B.



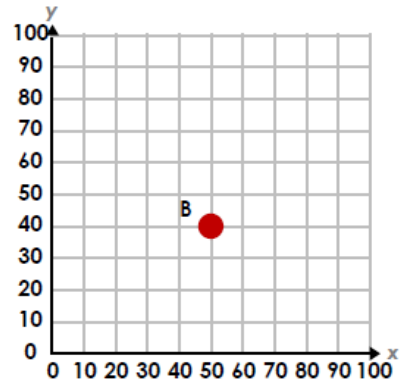
VF

9a. Point A has been translated 10 right and 6 up to point B. Record the original coordinates for point A.



VF

9b. Point A has been translated 5 right and 25 down to point B. Record the original coordinates for point A.



VF

Varied Fluency
Move on a Grid

Developing

1a. (3, 2)

2a. False. The translation is 2 right.

3a. (3, 2)

Expected

4a. (5, 1)

5a. False. The translation is 5 right, 2 down.

6a. (2, 9)

Greater Depth

7a. (2, 4)

8a. False. The translation is 20 right, 15 down.

9a. (12,10)

Varied Fluency
Move on a Grid

Developing

1b. (3, 0)

2b. True.

3b. (3, 1)

Expected

4b. (1, 3)

5b. True.

6b. (4, 6)

Greater Depth

7b. (28, 24)

8b. True

9b. (45, 65)