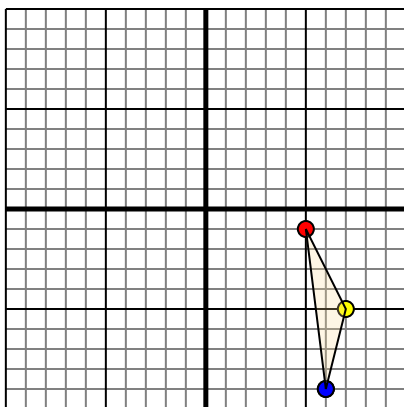# Translating on a Coordinate Plane

Name:

Translate each shape as described.

1)

The shape above has the following coordinates:
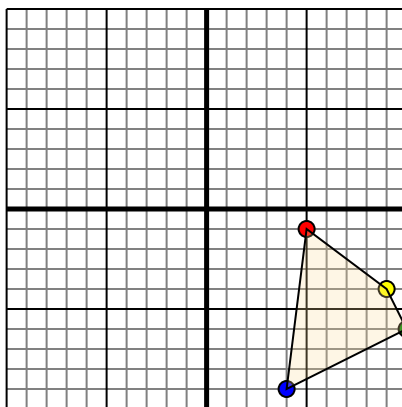
A. (5,-1)

B. (7,-5)

C. (6,-9)

Move the shape 6 units left and 3 units up.

2)

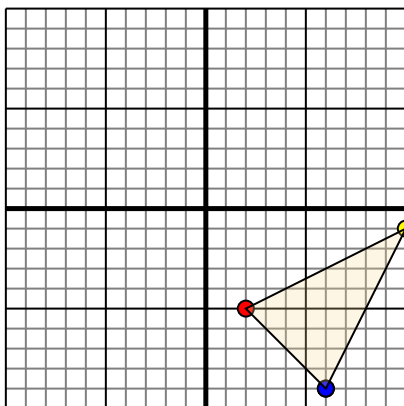The shape above has the following coordinates:

A. (5,-1)

B. (9,-4)

C. (10,-6)

D. (4,-9)

Move the shape 10 units left and 8 units up.

3)

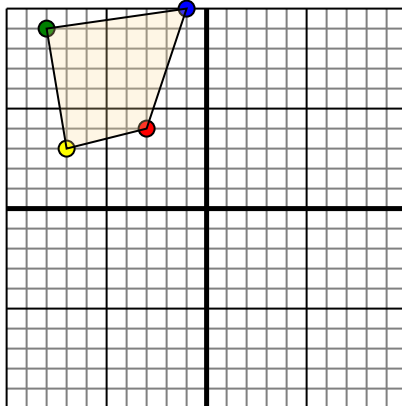The shape above has the following coordinates:

A. (2,-5)

B. (10,-1)

C. (6,-9)

Move the shape 8 units left and 2 units up.

4)

The shape above has the following coordinates:

A. (-3,4)

B. (-7,3)

C. (-8,9)

D. (-1,10)

Move the shape 6 units right and 3 units down.

1a. _____

1b. _____

1c. _____

1. __**Graph**__

2a. _____

2b. _____

2c. _____

2d. _____

2. __**Graph**__

3a. _____

3b. _____

3c. _____

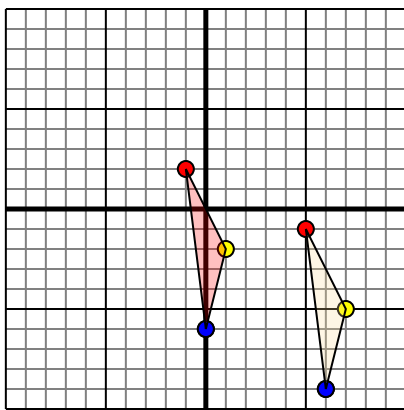3. __**Graph**__

4a. _____

4b. _____

4c. _____

4d. _____

4. __**Graph**__

Math

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8g3

1-10	94	89	83	78	72	67	61	56	50	44
11-18	39	33	28	22	17	11	6	0		

Translate each shape as described.

1)

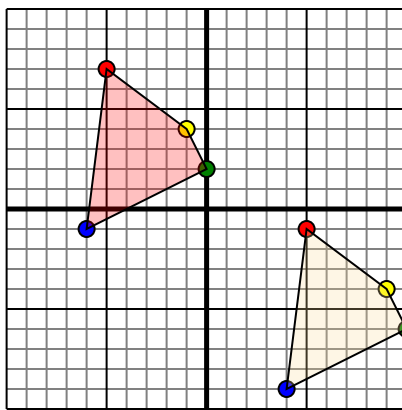The shape above has the following coordinates:

A. (5,-1)

B. (7,-5)

C. (6,-9)

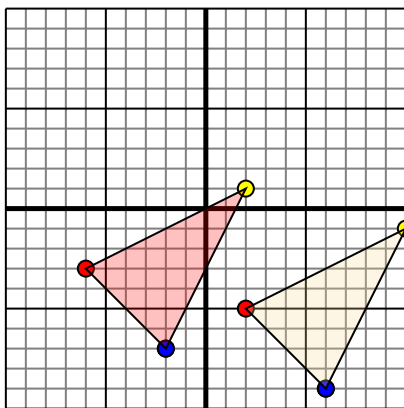Move the shape 6 units left and 3 units up.

2)

The shape above has the following coordinates:

A. (5,-1)

B. (9,-4)

C. (10,-6)

D. (4,-9)

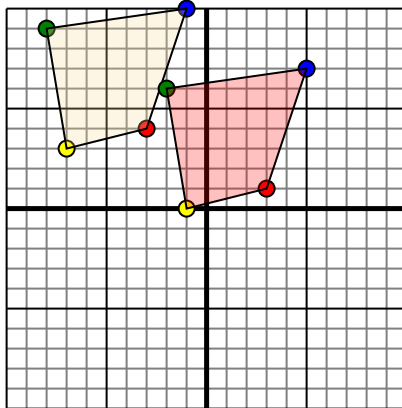Move the shape 10 units left and 8 units up.

3)

The shape above has the following coordinates:

A. (2,-5)

B. (10,-1)

C. (6,-9)

Move the shape 8 units left and 2 units up.

4)

The shape above has the following coordinates:

A. (-3,4)

B. (-7,3)

C. (-8,9)

D. (-1,10)

Move the shape 6 units right and 3 units down.

1a. **(-1,2)**

1b. **(1,-2)**

1c. **(0,-6)**

1. **Graph**

2a. **(-5,7)**

2b. **(-1,4)**

2c. **(0,2)**

2d. **(-6,-1)**

2. **Graph**

3a. **(-6,-3)**

3b. **(2,1)**

3c. **(-2,-7)**

3. **Graph**

4a. **(3,1)**

4b. **(-1,0)**

4c. **(-2,6)**

4d. **(5,7)**

4. **Graph**

1-10	94	89	83	78	72	67	61	56	50	44
11-18	39	33	28	22	17	11	6	0		