

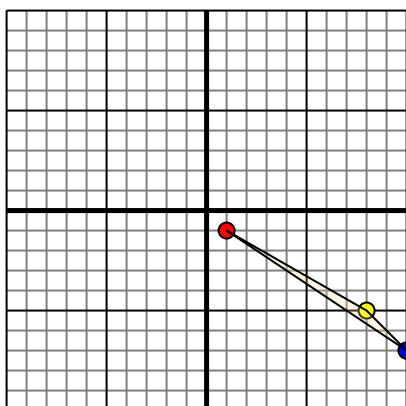


Translating on a Coordinate Plane

Name: _____

Translate each shape as described.

1)

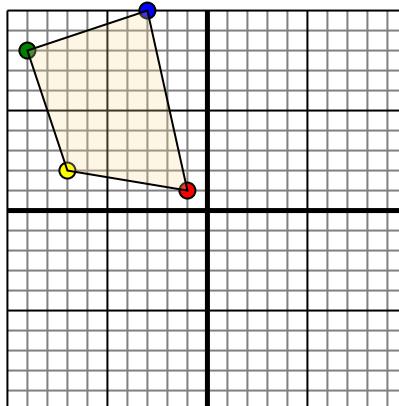


The shape above has the following coordinates:

- A. (1, -1)
- B. (8, -5)
- C. (10, -7)

Move the shape 8 units left and 9 units up.

2)



The shape above has the following coordinates:

- A. (-1, 1)
- B. (-7, 2)
- C. (-9, 8)
- D. (-3, 10)

Move the shape 2 units right and 3 units down.

Answers

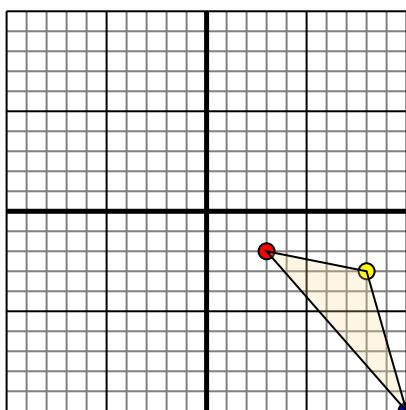
1. _____ Graph

2. _____ Graph

3. _____ Graph

4. _____ Graph

3)

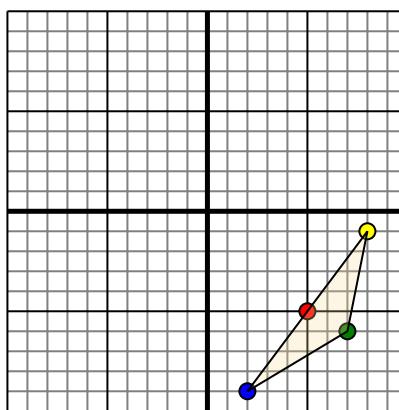


The shape above has the following coordinates:

- A. (3, -2)
- B. (8, -3)
- C. (10, -10)

Move the shape 8 units left and 3 units up.

4)



The shape above has the following coordinates:

- A. (5, 5)
- B. (8, -1)
- C. (7, -6)
- D. (2, -9)

Move the shape 6 units left and 3 units up.

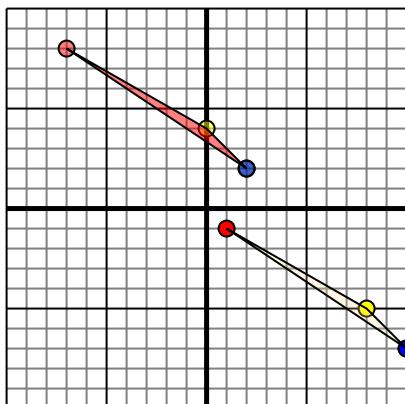


Translating on a Coordinate Plane

Name: **Answer Key**

Translate each shape as described.

1)

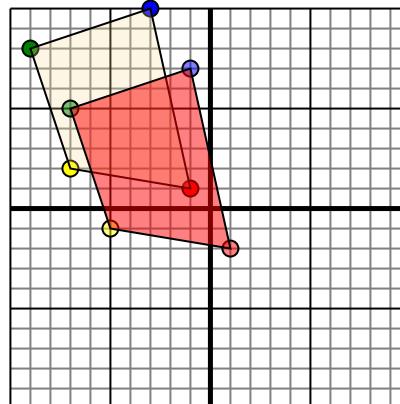


The shape above has the following coordinates:

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- C. (10, -7)

Move the shape 8 units left and 9 units up.

2)

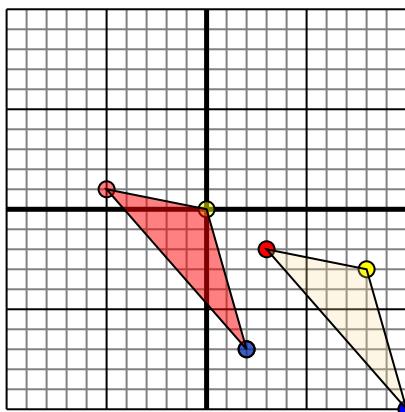


The shape above has the following coordinates:

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- B. (-7, 2)
- C. (-9, 8)
- D. (-3, 10)

Move the shape 2 units right and 3 units down.

3)

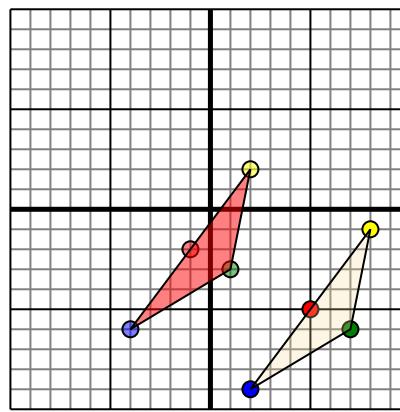


The shape above has the following coordinates:

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Move the shape 8 units left and 3 units up.

4)



The shape above has the following coordinates:

- A. (5, 5)
- B. (8, -1)
- C. (7, -6)
- D. (2, -9)

Move the shape 6 units left and 3 units up.

Answers

1. -7,8 0,4 2,2 Graph

2. 1,-2 -5,-1 -7,5 -1,7 Graph

3. -5,1 0,0 2,-7 Graph

4. -1,-2 2,2 1,-3 -4,-6 Graph