TRANSFORMATIONS: HAND IN ASSIGNMENT

1. Plot these ordered pairs on a graph: 2. State the coordinates of the following points:

A( , ) B( , ) C( , ) D( , )

A(2,3) B(-4,-2) C(1,-2) D(-3,4)



A

B

D

C

4. Translate the image (x + 5, y - 4).

3. Translate the image 4 units left and 2 units up.



A

C

B

A

C

B

D

5. Plot the points below and translate the image 3 units left and 1 unit down.



A(4,1) B(0,-2) C(1,0)

6. State the following translation in 3 ways.



Words:

Mapping Notation:

Ordered Pair Notation:

7. Rotate the following images:

1. Clockwise 90° b) Clockwise 180°

 c) Clockwise 270°



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8. Fixed Point Rotation

b) Rotate this shape around point B clockwise 180°.

a) Rotate this shape around point D clockwise 90°.



C

B

C

A

B

A

D