

Station “M”

Directions:

- Read each card.
- Place each card in the appropriate area on a coordinate grid at the table.
- Record the card numbers on your own record sheet.

Station “O”

Directions:

- Sort and match the set of cards into: a vocabulary word, the definition and an example.
- Check with a teacher to check your work.

If there is time...

- Record your vocabulary on the given three-column vocabulary sheet.

Station “V”

(a)

Directions:

On the coordinate grid white board:

- Plot the following set of coordinates.
 $(2, 4)$, $(2, 1)$, $(6, 4)$, $(6, 1)$
- Connect these coordinates to make a polygon (*a closed shape with straight sides*).
- Plot the second set of coordinates:
 $(2, -4)$ $(2, -1)$, $(6, -4)$, $(6, -1)$

On your individual record sheet:

- Describe the shapes that are created.
- Describe the relationship/transformation between the two shapes.
- What is significant about the x axis?

Station “V”

(b)

Directions:

On the coordinate grid white board:

- Plot the coordinates for rectangle ABCD: A (-4, 4) , B (0, 4), C (-4, 0) , D (0, 0)
- Connect these points to create a polygon.
- Move the original shape 6 units to the left and two units up.
- Label these new coordinates as A', B', C', D'

On your individual record sheet:

- Record the new coordinates for A' B' C' D'
- Describe the shapes that are created.
- Describe the relationship/transformation between the two shapes.

Station “E”

Directions:

- Match the image card to the correct description of the transformation shown.
- Record the matches by writing the card number pairs on your record sheet