

# Varied Fluency

## Step 2: Four Quadrants

### National Curriculum Objectives:

Mathematics Year 6: (6P3) [Describe positions on the full coordinate grid \(all four quadrants\)](#)

### Differentiation:

**Developing** Questions to support reading, plotting and writing coordinates in all four quadrants. Includes grids from -5 to 5 with 3 or 4 points plotted, spanning two quadrants per question.

**Expected** Questions to support reading, plotting and writing coordinates in all four quadrants. Includes grids from -5 to 5 with 3 or 4 points plotted.

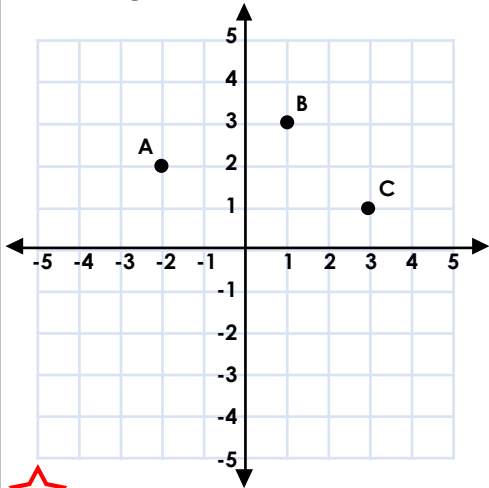
**Greater Depth** Questions to support reading, plotting and writing coordinates in all four quadrants. Up to 6 points plotted, including irregular shapes. Includes grids of varying scales with some points plotted between labelled increments.

More [Year 6 Position and Direction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

## Four Quadrants

1a. Match the coordinates to the points on the grid.



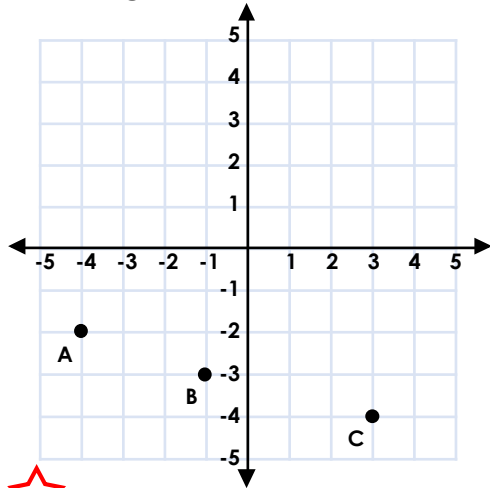
- (1, 3)
- (3, 1)
- (-2, 2)



VF

## Four Quadrants

1b. Match the coordinates to the points on the grid.

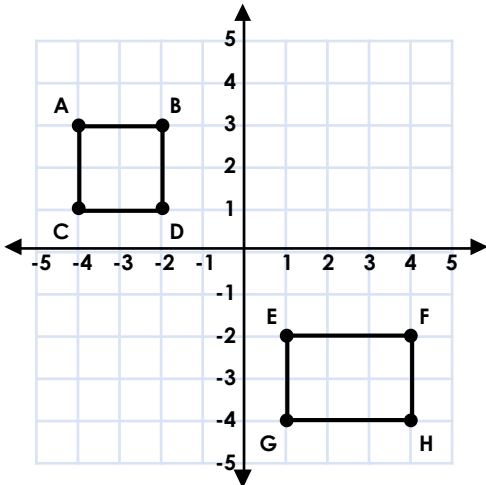


- (3, -4)
- (-4, -2)
- (-1, -3)



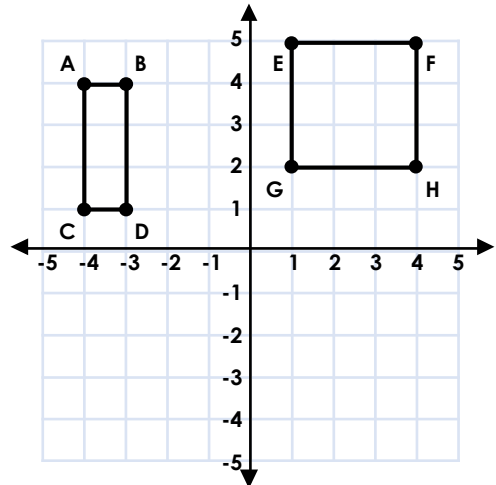
VF

2a. Write the coordinates of each shape.



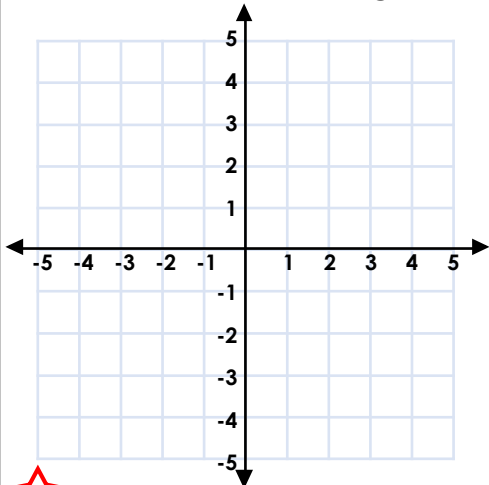
VF

2b. Write the coordinates of each shape.



VF

3a. Plot the coordinates and label them with their corresponding letter.

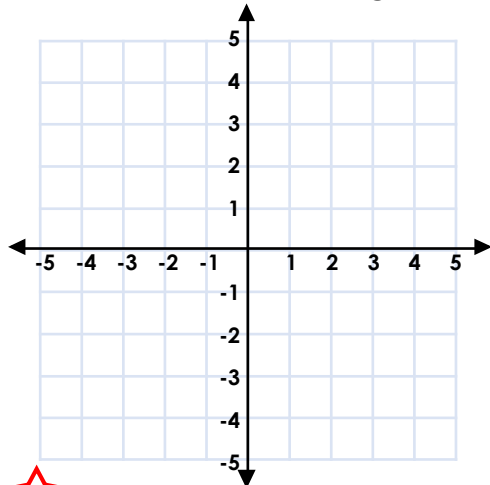


- A. (-3, -3)
- B. (-2, -1)
- C. (2, -3)



VF

3b. Plot the coordinates and label them with their corresponding letter.



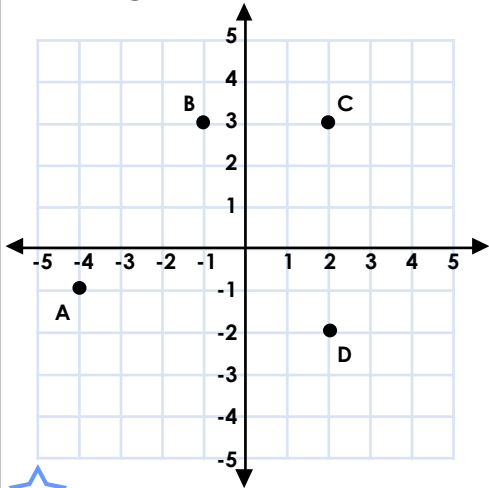
- A. (2, 2)
- B. (1, -2)
- C. (4, -3)



VF

## Four Quadrants

4a. Match the coordinates to the points on the grid.



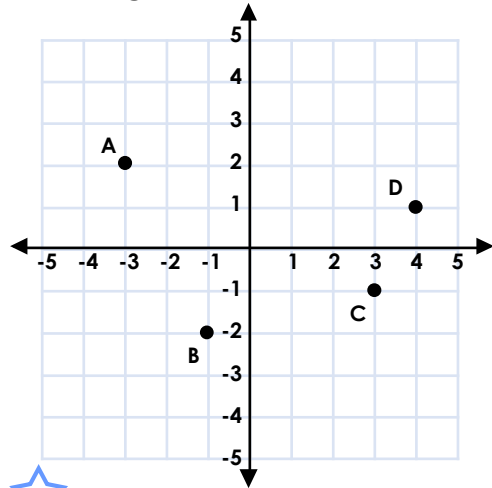
- (2, 3)
- (2, -2)
- (-1, 3)
- (-4, -1)
- (0, -3)



VF

## Four Quadrants

4b. Match the coordinates to the points on the grid.

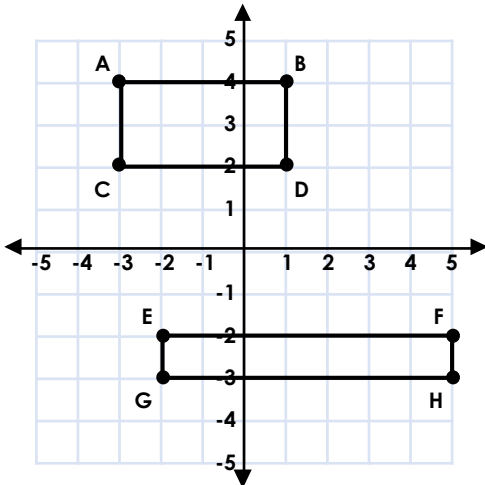


- (-1, -2)
- (3, -1)
- (4, 1)
- (-3, 2)
- (-2, 4)



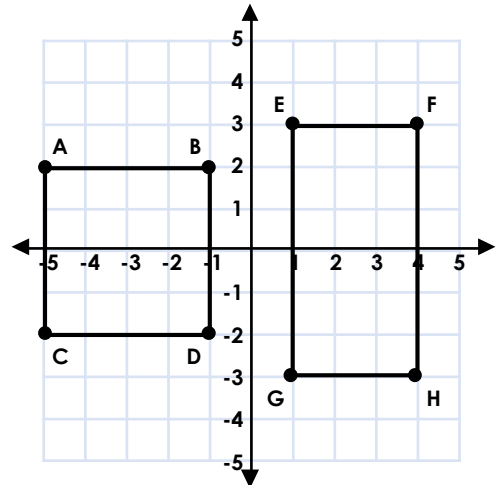
VF

5a. Write the coordinates of each shape.



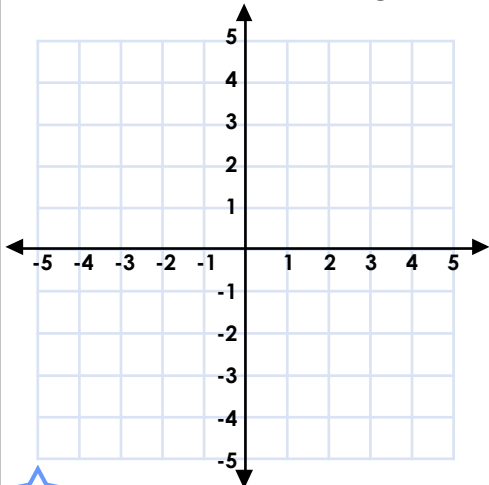
VF

5b. Write the coordinates of each shape.



VF

6a. Plot the coordinates and label them with their corresponding letter.

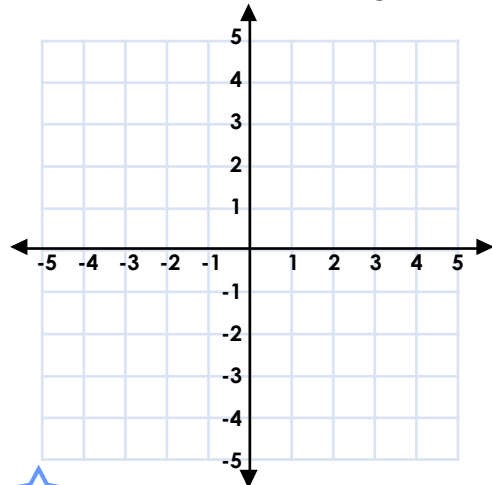


- A. (-1, 0)
- B. (-1, 4)
- C. (5, 0)
- D. (5, 4)



VF

6b. Plot the coordinates and label them with their corresponding letter.



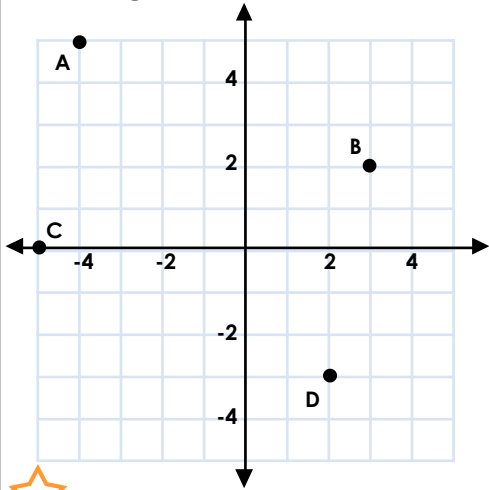
- A. (-2, 1)
- B. (4, 1)
- C. (-2, -4)
- D. (4, -4)



VF

## Four Quadrants

7a. Match the coordinates to the points on the grid.



(-4, 5)

(2, -3)

(2, 3)

(-5, 0)

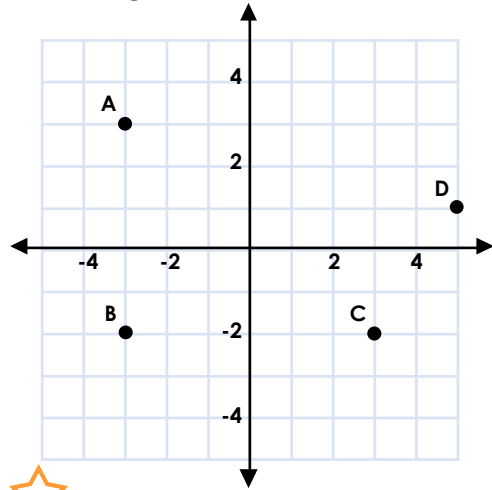
(3, 2)



VF

## Four Quadrants

7b. Match the coordinates to the points on the grid.



(5, 1)

(-3, -2)

(3, -3)

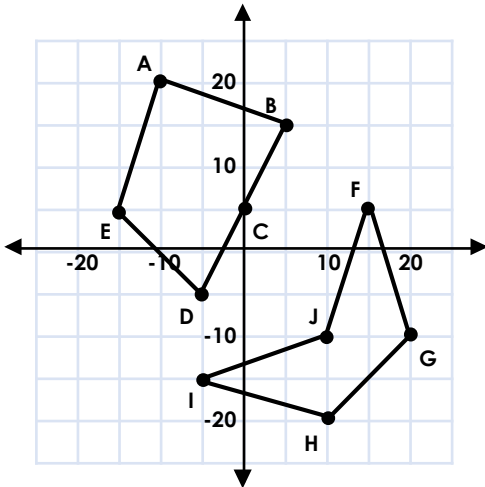
(3, -2)

(-3, 3)



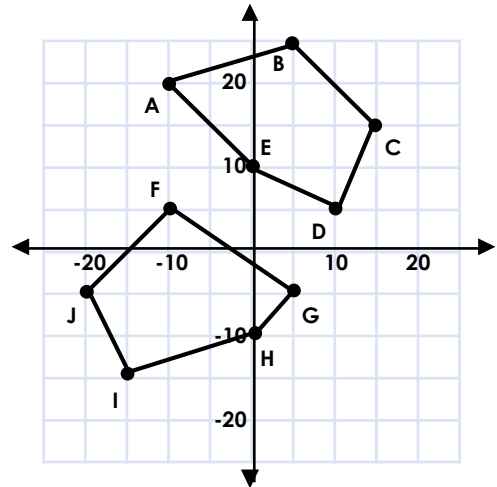
VF

8a. Write the coordinates of each shape.



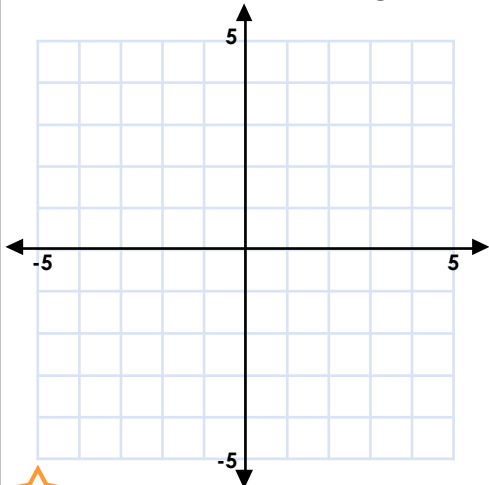
VF

8b. Write the coordinates of each shape.



VF

9a. Plot the coordinates and label them with their corresponding letter.



A. (-1, 2)

B. (2, 2)

C. (3, 0)

D. (2, -2)

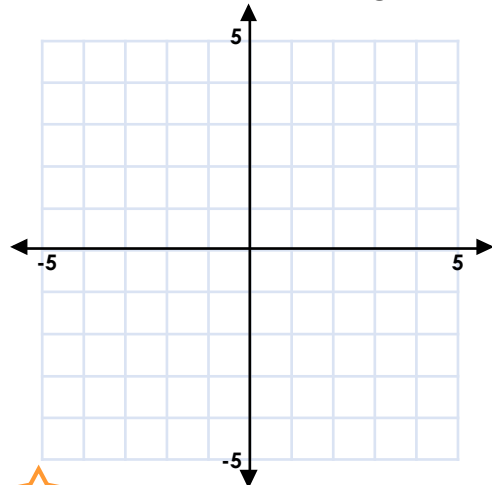
E. (-1, -2)

F. (-2, 0)



VF

9b. Plot the coordinates and label them with their corresponding letter.



A. (-3, 1)

B. (-1, 2)

C. (1, 1)

D. (1, -2)

E. (-1, -3)

F. (-3, -2)



VF

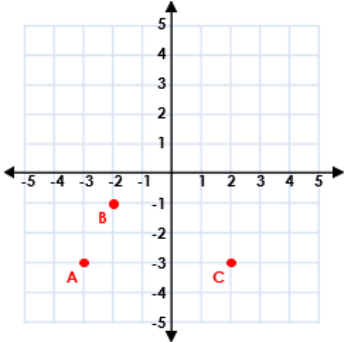
## Varied Fluency Four Quadrants

### Developing

1a. A (-2, 2), B (1, 3), C (3, 1)

2a. A (-4, 3), B (-2, 3), C (-4, 1), D (-2, 1),  
E (1, -2), F (4, -2), G (1, -4), H (4, -4)

3a.

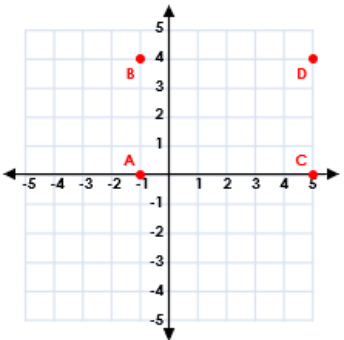


### Expected

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

5a. A (-3, 4), B (1, 4), C (-3, 2), D (1, 2),  
E (-2, -2), F (5, -2), G (-2, -3), H (5, -3)

6a.

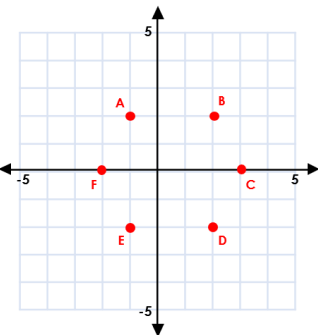


### Greater Depth

7a. A (-4, 5), B (3, 2), C (-5, 0), D (2, -3)

8a. A (-10, 20), B (5, 15), C (0, 5), D (-5, -5),  
E (-15, 5), F (15, 5), G (20, -10), H (10, -20),  
I (-5, -15), J (10, -10)

9a.



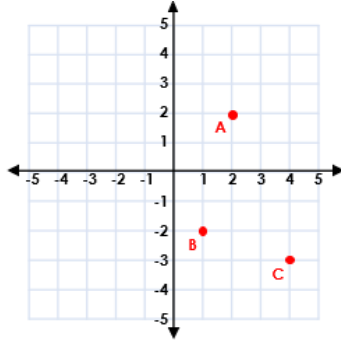
## Varied Fluency Four Quadrants

### Developing

1b. A (-4, -2), B (-1, -3), C (3, -4)

2b. A (-4, 4), B (-3, 4), C (-4, 1), D (-3, 1),  
E (1, 5), F (4, 5), G (1, 2), H (4, 2)

3b.

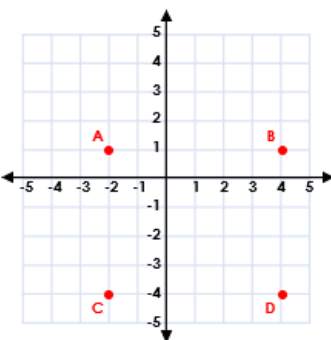


### Expected

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

5b. A (-5, 2), B (-1, 2), C (-5, -2), D (-1, -2),  
E (1, 3), F (4, 3), G (1, -3), H (4, -3)

6b.



### Greater Depth

7b. A (-3, 3), B (-3, -2), C (3, -2), D (5, 1)

8b. A (-10, 20), B (5, 25), C (15, 15),  
D (10, 5), E (0, 10), F (-10, 5), G (5, -5),  
H (0, -10), I (-15, -15), J (-20, -5)

9b.

