

# COORDINATES AND QUADRANTS

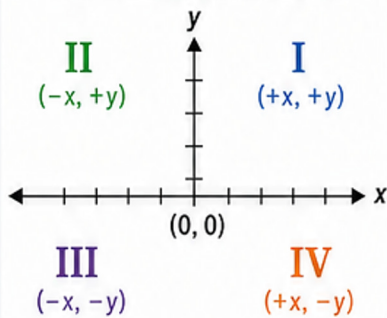
## GRID PACK

### INCLUDES

- ✓ REFERENCE GUIDE
- ✓ EXAMPLES
- ✓ 4 GRID TEMPLATES
- ✓ PRACTICE TABLE

### REFERENCE GUIDE

#### THE COORDINATE PLANE

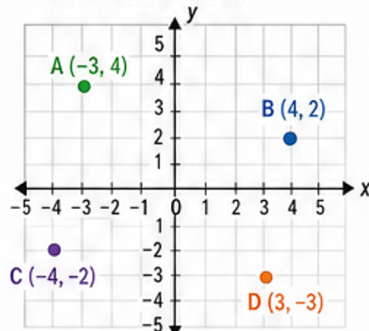


#### KEY VOCABULARY

<b>Coordinate</b>	An ordered pair $(x, y)$ that shows a position.
<b>x-coordinate</b>	The horizontal value. (Left or right)
<b>y-coordinate</b>	The vertical value. (Up or down)
<b>Origin</b>	The point $(0, 0)$ where the axes cross.
<b>Quadrant</b>	One of the four regions created by the axes.

### EXAMPLES

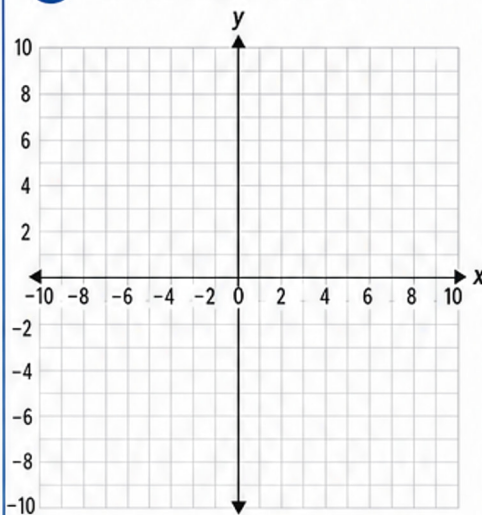
#### PLOT THE POINTS



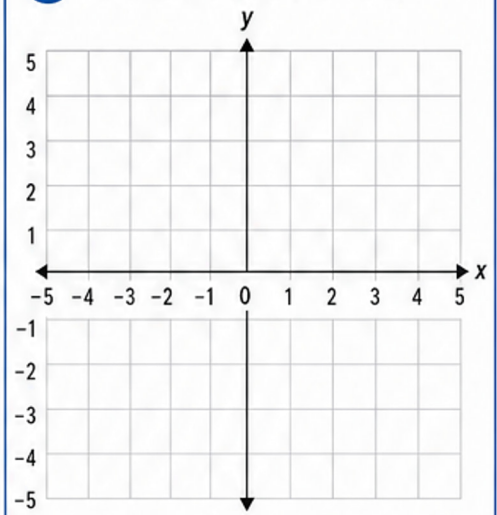
A	$(-3, 4)$	Quadrant II
B	$(4, 2)$	Quadrant I
C	$(-4, -2)$	Quadrant III
D	$(3, -3)$	Quadrant IV

### GRID TEMPLATES

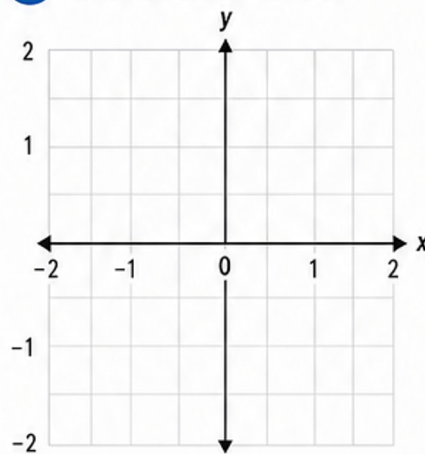
#### 1 LARGE GRID (-10 TO 10)



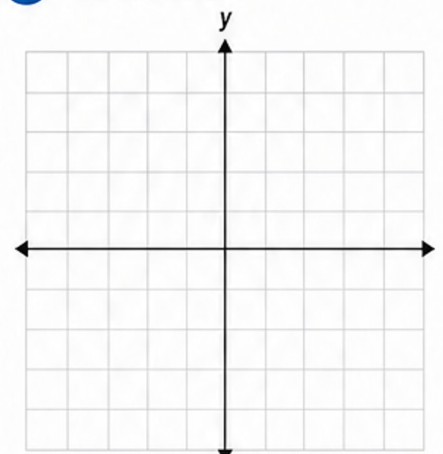
#### 2 STANDARD GRID (-5 TO 5)



#### 3 ZOOMED GRID (-2 TO 2)



#### 4 BLANK GRID



### PRACTICE TABLE

POINT	x-COORDINATE	y-COORDINATE	COORDINATE $(x, y)$	QUADRANT / AXIS
P			$( \quad , \quad )$	
Q			$( \quad , \quad )$	
R			$( \quad , \quad )$	
S			$( \quad , \quad )$	
T			$( \quad , \quad )$	
U			$( \quad , \quad )$	

### QUADRANT QUICK GUIDE

<b>I</b>	$(+x, +y)$	Top Right
<b>II</b>	$(-x, +y)$	Top Left
<b>III</b>	$(-x, -y)$	Bottom Left
<b>IV</b>	$(+x, -y)$	Bottom Right
<b>AXES</b>	On the x-axis: $(x, 0)$ On the y-axis: $(0, y)$	