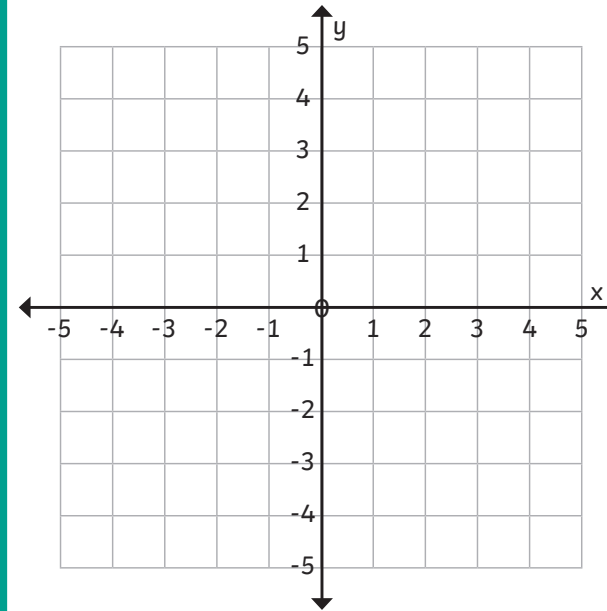


# Four Quadrant Coordinate Shapes Challenge Cards



## Four Quadrant Coordinate Shapes



1. Plot these coordinates to reveal a shape.

**(-5,1)**

**(-1,4)**

**(5,0)**

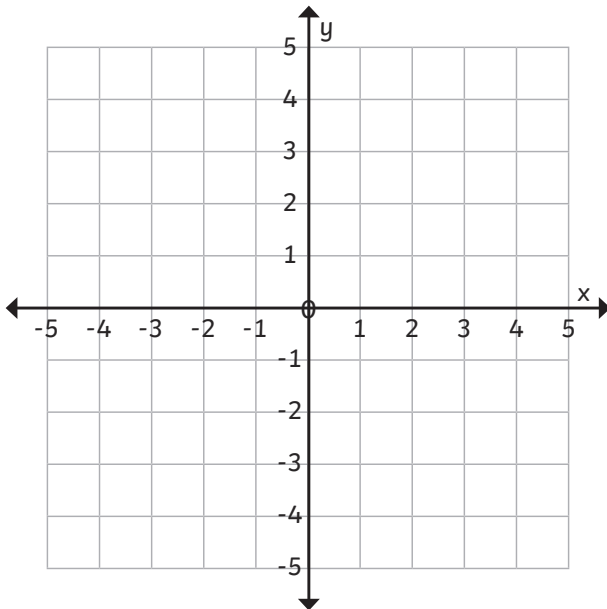
**(1,-3)**

Name the shape.

Translate the shape up 1.

What are the shape's new coordinates?

## Four Quadrant Coordinate Shapes



2. Plot these coordinates to reveal a shape.

**(2, 4)**

**(-4, -2)**

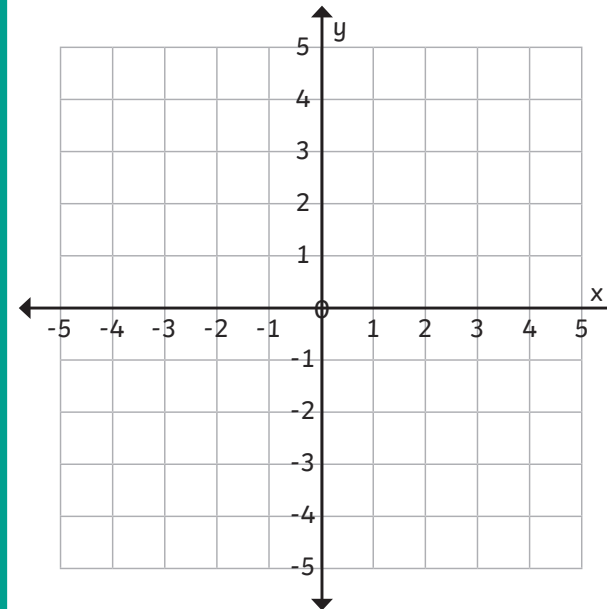
**(0, -5)**

Name the shape.

Translate the shape right 2.

What are the shape's new coordinates?

## Four Quadrant Coordinate Shapes



3. Plot these coordinates to reveal a shape.

**(1, -5)**

**(1, 4)**

**(-3, 2)**

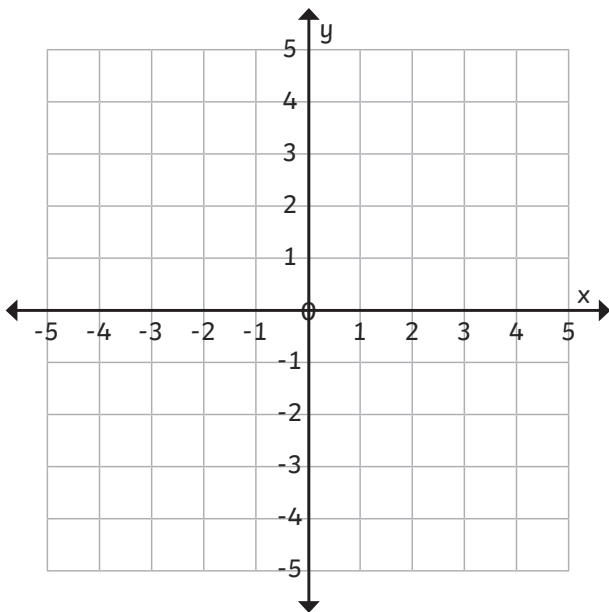
**(-3, -3)**

Name the shape.

Translate the shape right 4.

What are the shape's new coordinates?

### Four Quadrant Coordinate Shapes



4. Plot these coordinates to reveal a shape.

**$(-4,3)$**

**$(0,-1)$**

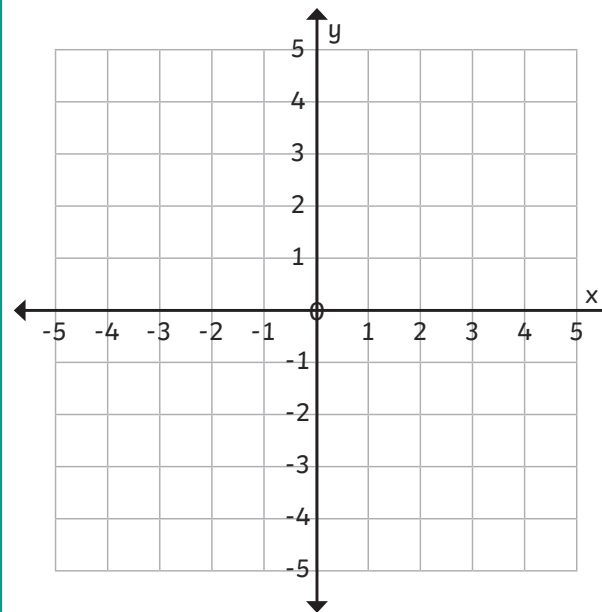
**$(4,3)$**

Name the shape.

Translate the shape down 3.

What are the shape's new coordinates?

### Four Quadrant Coordinate Shapes



5. Plot these coordinates to reveal a shape.

**$(-3,2)$**

**$(4,3)$**

**$(-5,0)$**

**$(2,5)$**

**$(-2,-3)$**

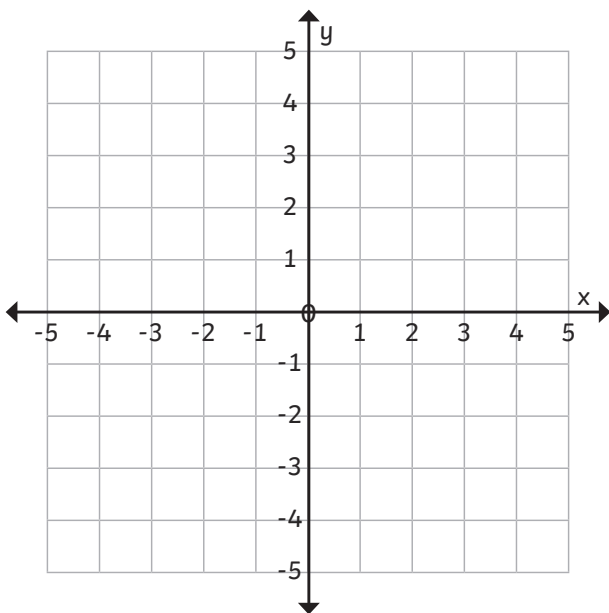
**$(-2,1)$**

Name the shape.

Translate the shape right 1, down 1.

What are the shape's new coordinates?

### Four Quadrant Coordinate Shapes



6. Plot these coordinates to reveal a shape.

**$(0,4)$**

**$(0,-4)$**

**$(-3,1)$**

**$(2,-2)$**

**$(-2,1)$**

**$(2,1)$**

**$(-2,-2)$**

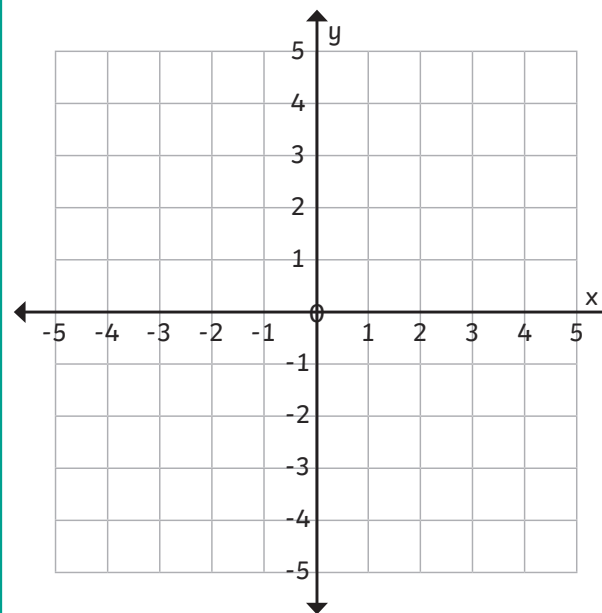
**$(3,1)$**

Name the shape.

Translate the shape left 2, up 1.

What are the shape's new coordinates?

### Four Quadrant Coordinate Shapes



7. Plot these coordinates to reveal a shape.

**$(3,2)$**

**$(1,-3)$**

**$(2,0)$**

**$(3,-4)$**

**$(2,-2)$**

**$(1,1)$**

**$(2,-4)$**

**$(1,-1)$**

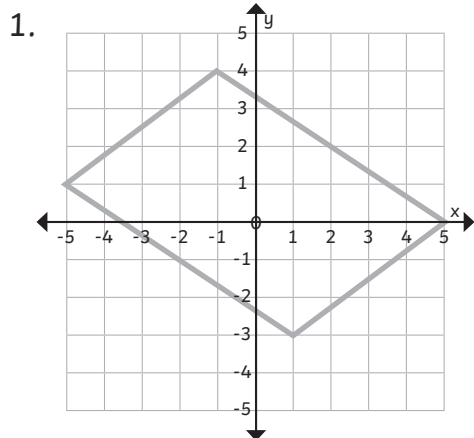
**$(2,2)$**

Name the shape.

Translate the shape left 5, up 2.

What are the shape's new coordinates?

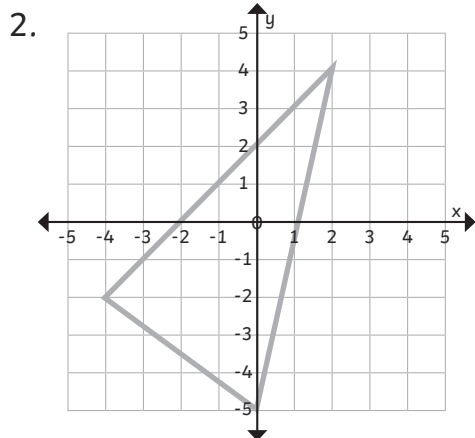
### Four Quadrant Coordinate Shapes Answers



Parallelogram.

Translated coordinates

$(-5, 2)$   $(-1, 5)$   $(5, 1)$   $(1, -2)$

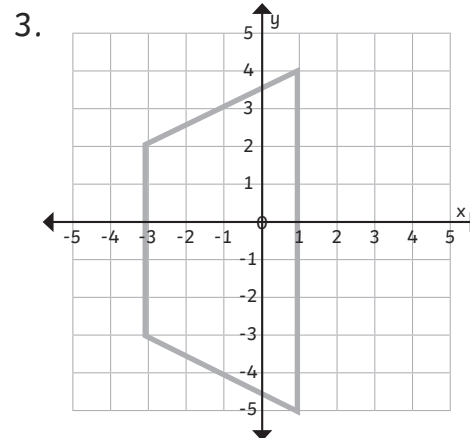


Scalene triangle.

Translated coordinates

$(4, 4)$   $(-2, -2)$   $(2, -5)$

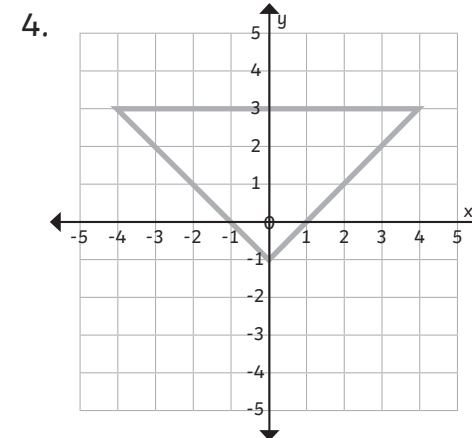
### Four Quadrant Coordinate Shapes Answers



Isosceles trapezium.

Translated coordinates

$(5, -5)$   $(5, 4)$   $(1, 2)$   $(1, -3)$

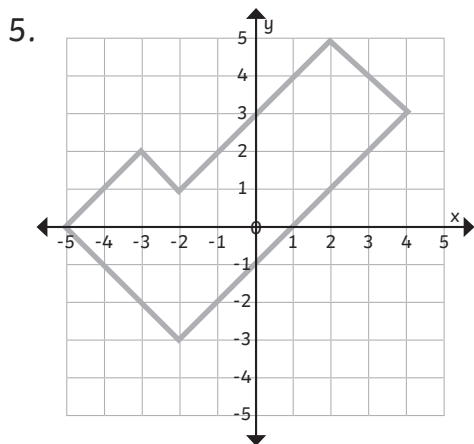


Isosceles triangle.

Translated coordinates

$(-4, 0)$   $(0, -4)$   $(4, 0)$

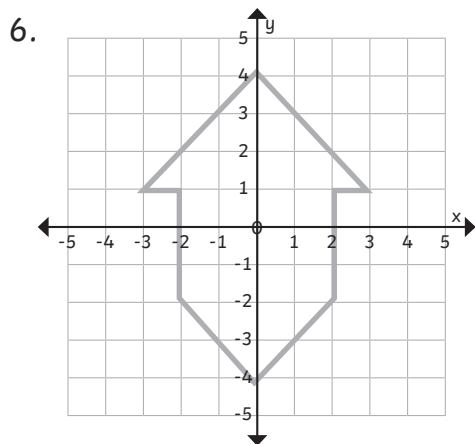
### Four Quadrant Coordinate Shapes Answers



Irregular hexagon.

Translated coordinates

$(-4, -1)$   $(-1, -4)$   $(5, 2)$   $(3, 4)$   $(-1, 0)$   $(-1, 2)$

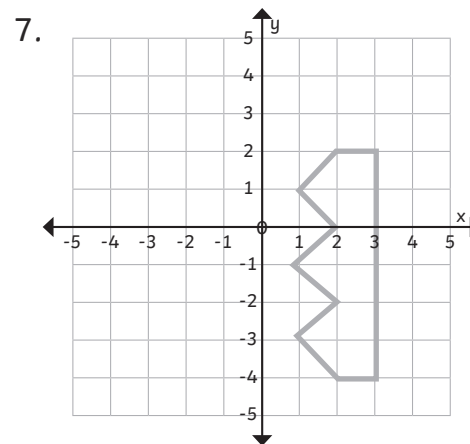


Irregular octagon.

Translated coordinates

$(-2, 5)$   $(-5, 2)$   $(-4, 2)$   $(-4, -1)$   $(-2, -3)$   $(0, -1)$   $(0, 2)$   $(1, 2)$

### Four Quadrant Coordinate Shapes Answers



Irregular nonagon.

Translated coordinates

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