

Group 1 Coordinates:

Polygon 1: (2,1) (3,3) (4,1)

Polygon 2: (1,5) (1,7) (3,7) (3,5)

Polygon 3: (6,1) (9,1) (9,3) (6,3)

Polygon 4: (3,10) (1,10) (3,8)

Polygon 5: (7,9) (5,7) (6,5) (8,5) (9,7)

- What polygons have you drawn?

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- What polygons have you drawn?

Group 2 Coordinates:

Draw a grid in your book:  
X-axis up to 15 and Y-axis up to 12.

Polygon 1: (14,8) (11,8) (14,5)

Polygon 2: (10,1) (12,1) (14,3) (12,5)  
(10,5) (8,3)

Polygon 3: (4,1) (2,1) (1,3) (3,5) (5,3)

Polygon 4: (9,8) (7,11) (11,11)

Polygon 5: (2,6) (0,8) (0,10) (2,12) (4,12)  
(6,10) (6,8) (4,6)

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(6,10) (6,8) (4,6)

- What polygons have you drawn?

Group 3 Coordinates:

Draw a grid in your book:

X-axis up to 15 and Y-axis up to 12.

Polygon 1: (9,7) (9,10) (12,10) (?,?)

Polygon 2: (10,1) (12,1) (14,3) (12,5)  
(10,5) (?,?)

Polygon 3: (4,1) (2,1) (1,3) (3,5) (?,?)

Polygon 4: (2,6) (0,8) (0,10) (2,12) (4,12)  
(6,10) (6,8) (?,?)

- What polygons have you drawn?
- How does counting the number of coordinates help you identify the polygon?

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Draw a grid in your book:

X-axis up to 15 and Y-axis up to 12.

Polygon 1: (9,7) (9,10) (12,10) (?,?)

Polygon 2: (10,1) (12,1) (14,3) (12,5)  
(10,5) (?,?)

Polygon 3: (4,1) (2,1) (1,3) (3,5) (?,?)

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(10,5) (?,?)

Polygon 3: (4,1) (2,1) (1,3) (3,5) (?,?)

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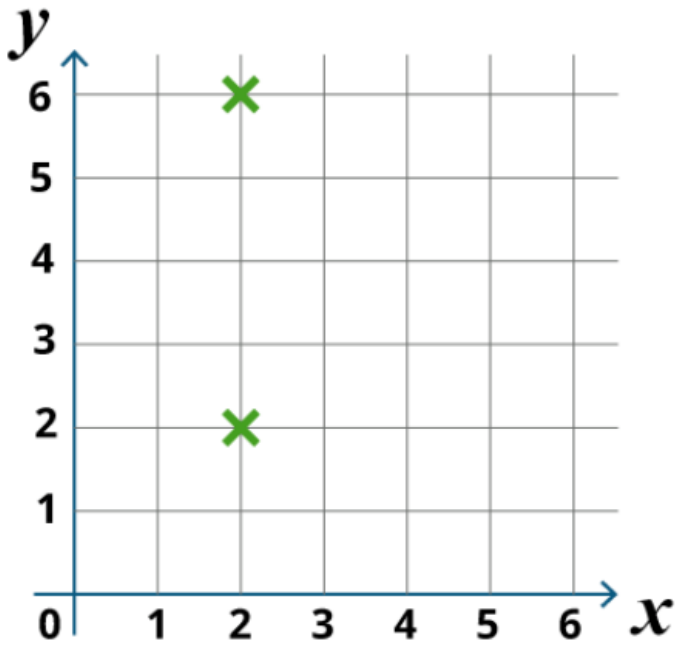
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(10,5) (?,?)

Polygon 3: (4,1) (2,1) (1,3) (3,5) (?,?)

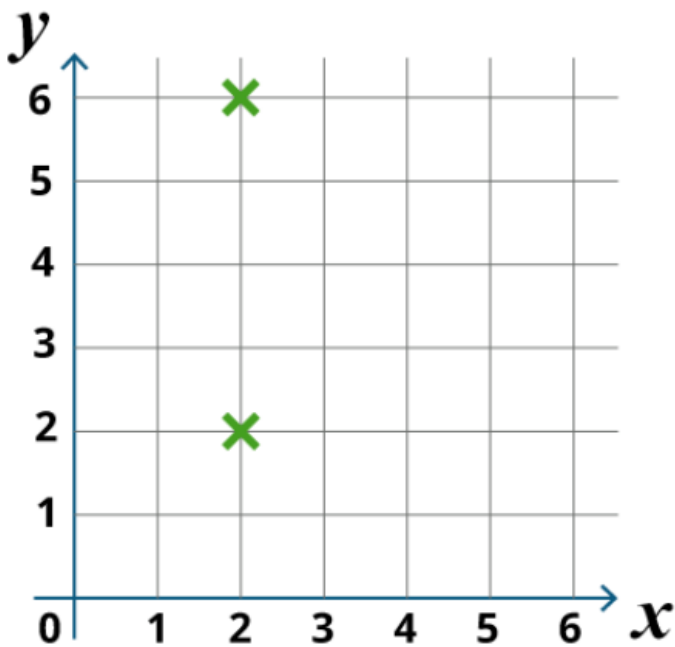
Polygon 4: (2,6) (0,8) (0,10) (2,12) (4,12)  
(6,10) (6,8) (?,?)

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- How does counting the number of coordinates help you identify the polygon?



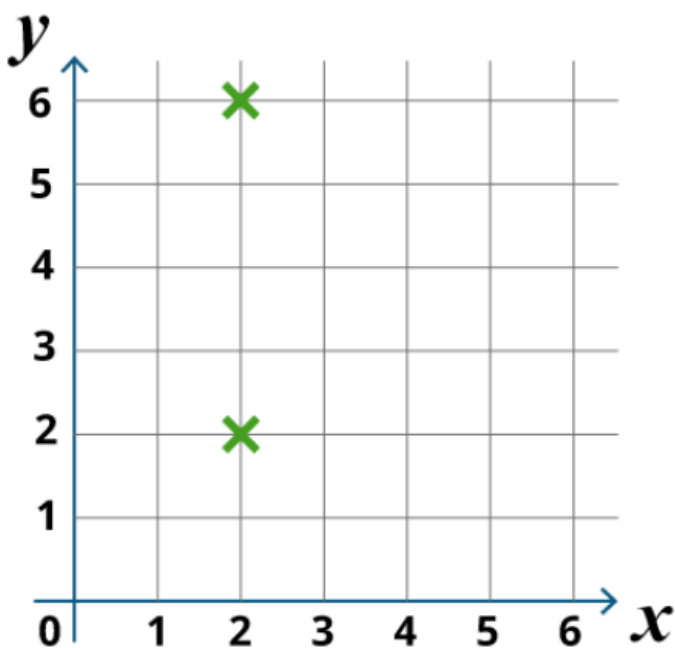
Extension Activity

1. What 2 coordinates could you add to this grid to make a square?
2. What 2 coordinates could you add to this grid to make a rectangle?
3. How many different rectangles can you make using these 2 coordinates?



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