Missing Coordinate Polygons

Challenge Cards

twinkl

Missing Coordinate Polygons

Plot the missing coordinate to make a **rectangle**.
Complete the drawing and write the missing coordinate (,   ).
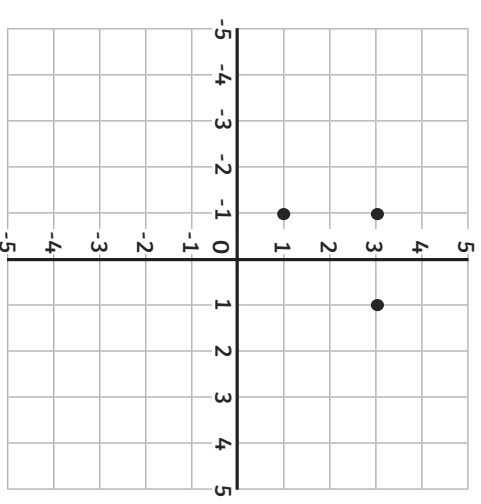
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Missing Coordinate Polygons

Plot the missing coordinate to make a **square**.
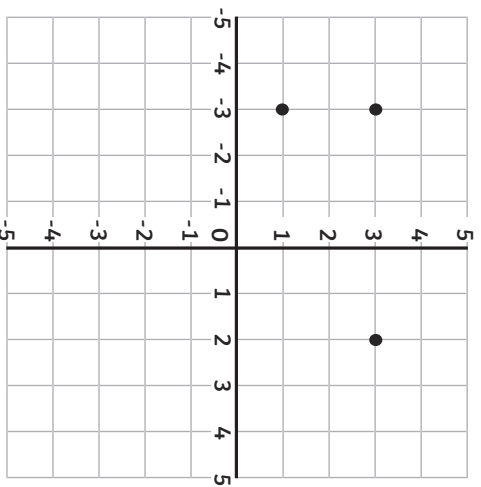Complete the drawing and write the missing coordinate (,   ).

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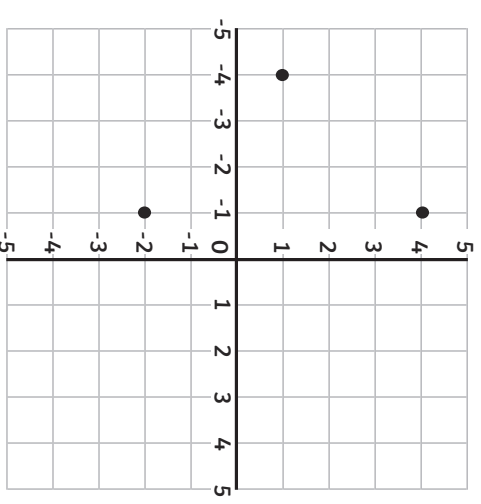**Missing Coordinate Polygons**

Plot the missing coordinate to make a **square**.
Complete the drawing and write the missing coordinate (,   ).
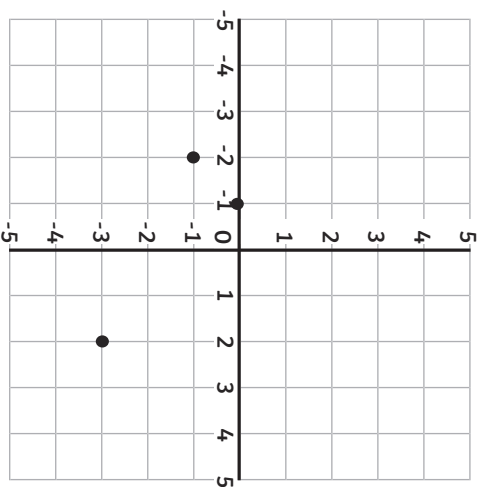
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Missing Coordinate Polygons

Plot the missing coordinate to make a rectangle.
Complete the drawing and write the missing coordinate (,   ).

Missing Coordinate Polygons

Plot the missing coordinate to make a right-angled triangle.
Complete the drawing and write the missing coordinate (,   ).

Missing Coordinate Polygons

Plot the missing coordinate to make a triangle.
Complete the drawing and write the missing coordinate (,   ).
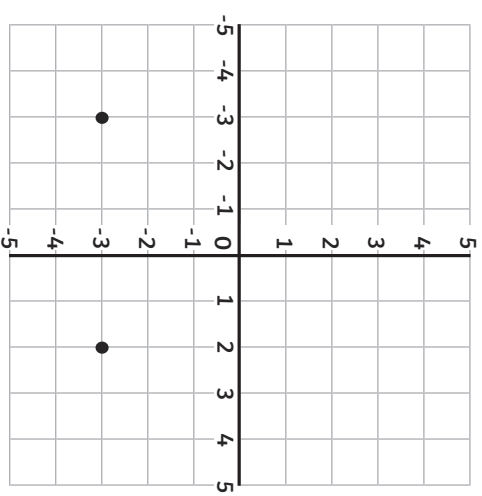

Missing Coordinate Polygons

Plot the missing coordinate to make a pentagon.
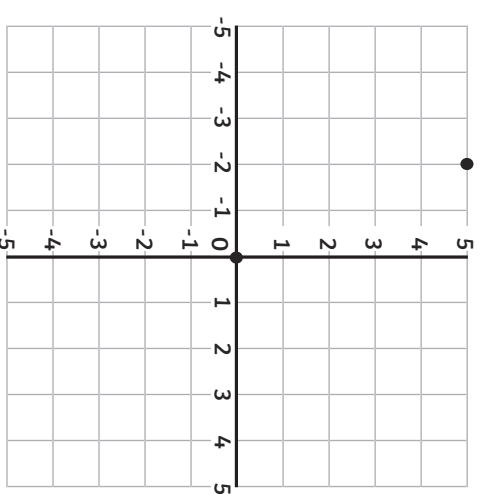Complete the drawing and write the missing coordinate (,   ).

Plot the missing coordinate to make a **hexagon**.
Complete the drawing and write the missing coordinate (,   ).
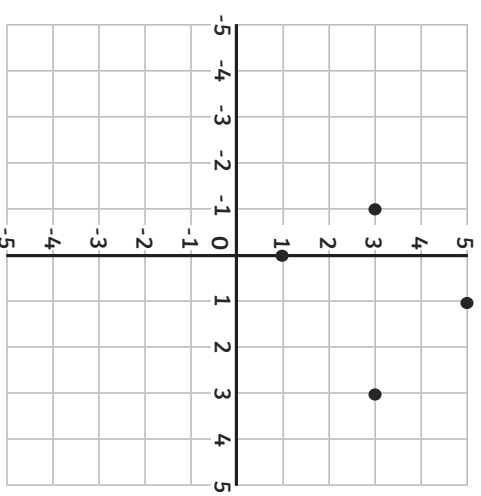
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Missing Coordinate Polygons

Plot the missing coordinate to make a **right-angled triangle**.
Complete the drawing and write the missing coordinate (,   ).

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Missing Coordinate Polygons

Plot the missing coordinate to make an **octagon**.
Complete the drawing and write the missing coordinate (,   ).

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Missing Coordinate Polygons

Plot the missing coordinate to make an **isosceles triangle**.
Complete the drawing and write the missing coordinate (,   ).

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Missing Coordinate Polygons

Plot the missing coordinate to make a **scalene triangle**. Complete the drawing and write the missing coordinate (,   ).
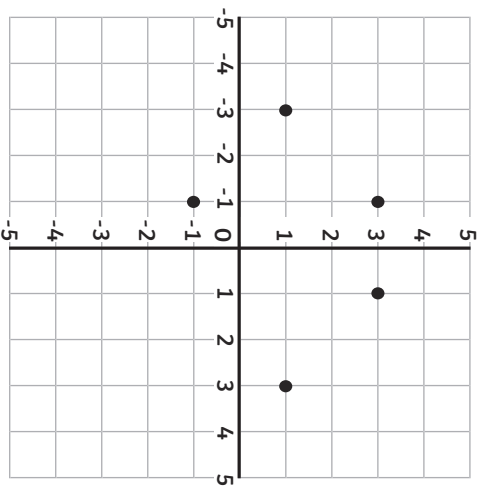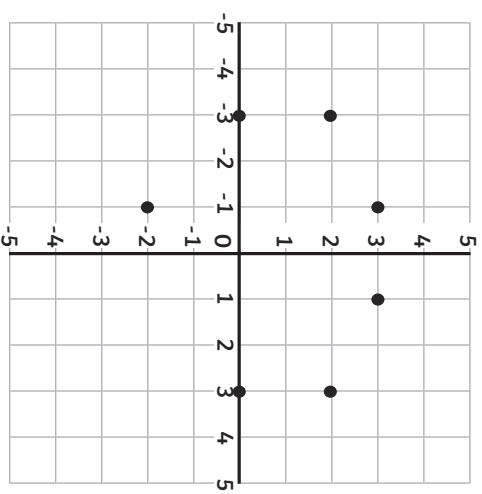
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Missing Coordinate Polygons

Plot the missing coordinate to make a **trapezium**. Complete the drawing and write the missing coordinate (,   ).

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Missing Coordinate Polygons

Plot the missing coordinate to make a **parallelogram**. Complete the drawing and write the missing coordinate (,   ).

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Missing Coordinate Polygons

Plot the missing coordinate to make a **kite**. Complete the drawing and write the missing coordinate (,   ).

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Missing Coordinate Polygons

Plot the missing coordinate to make a **pentagon**.
Complete the drawing and write the missing coordinate (,   ).
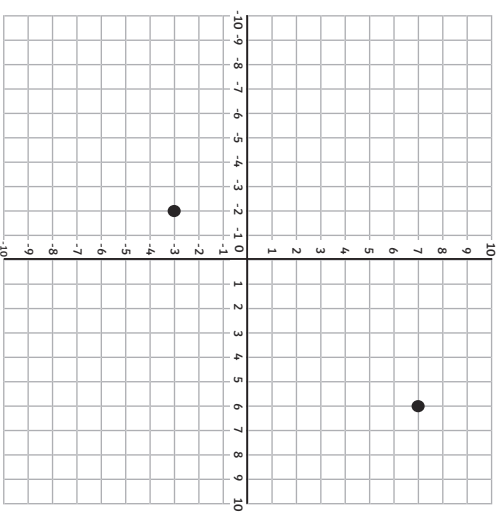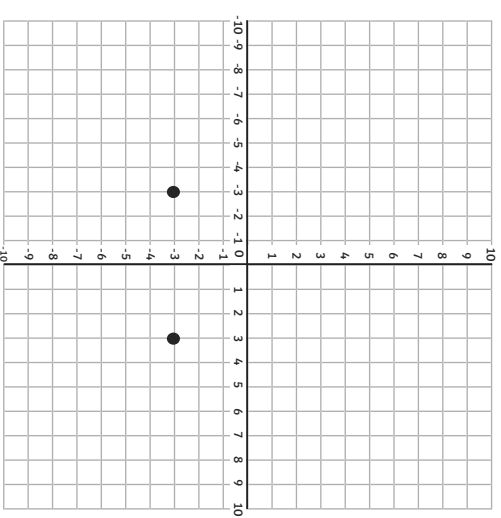
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Missing Coordinate Polygons

Plot the missing coordinate to make an **octagon**.
Complete the drawing and write the missing coordinate (,   ).
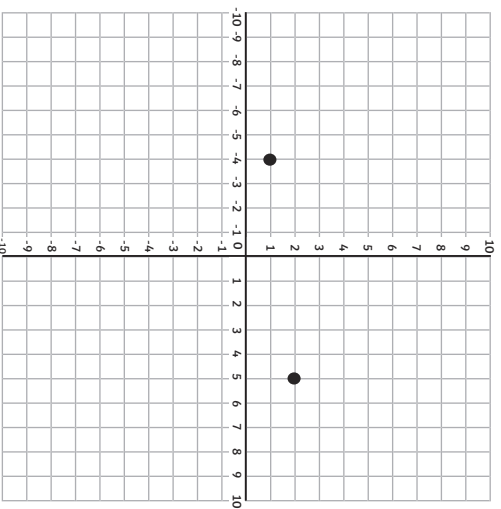
★★

Missing Coordinate Polygons
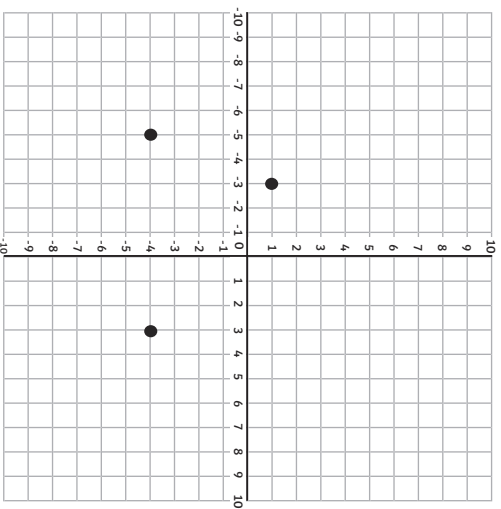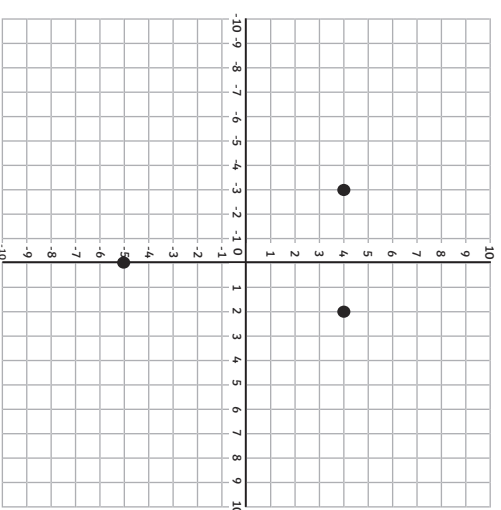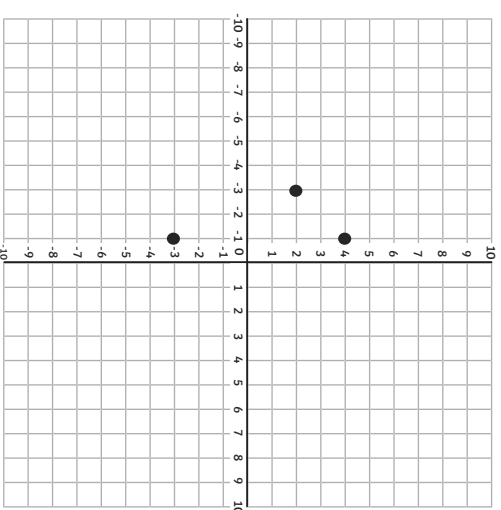
Plot the missing coordinate to make a **hexagon**.
Complete the drawing and write the missing coordinate (,   ).

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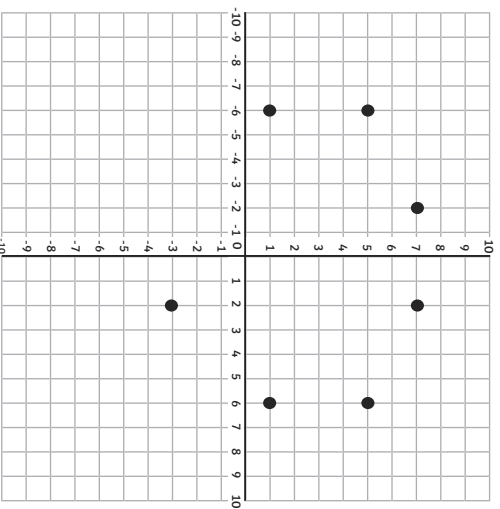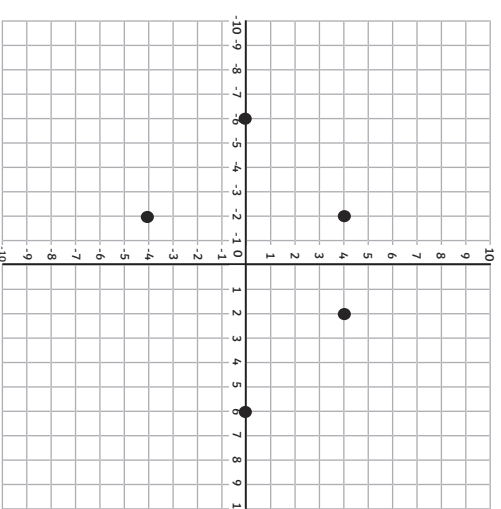
Missing Coordinate Polygons
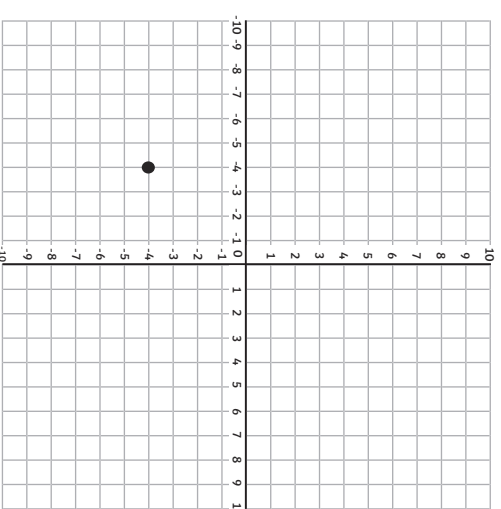
Plot the missing coordinates to make a **right-angled triangle**.
Complete the drawing and write the missing coordinates:
(,   ),(,   ).

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Missing Coordinate Polygons

Plot the missing coordinates to make an **isosceles triangle**.
Complete the drawing and write the missing coordinates:
(,),(,).

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Missing Coordinate Polygons

Plot the missing coordinates to make a **scalene triangle**.
Complete the drawing and write the missing coordinates:
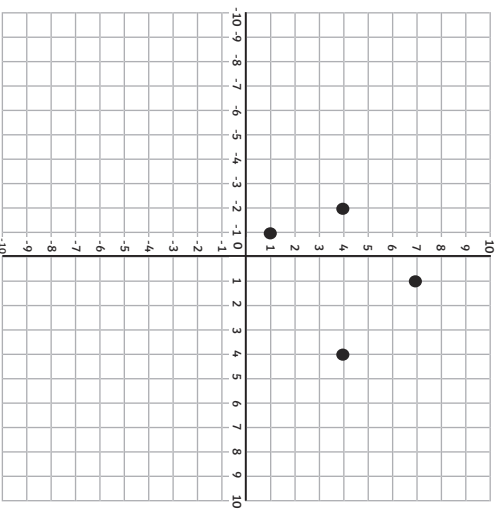(,),(,).

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Missing Coordinate Polygons

Plot the missing coordinates to make a **parallelogram**.
Complete the drawing and write the missing coordinates:
(,),(,).

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Missing Coordinate Polygons
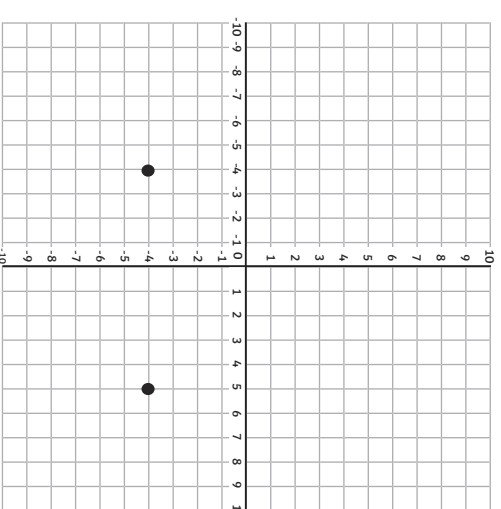
Plot the missing coordinates to make a **trapezium**.
Complete the drawing and write the missing coordinates:
(,),(,).

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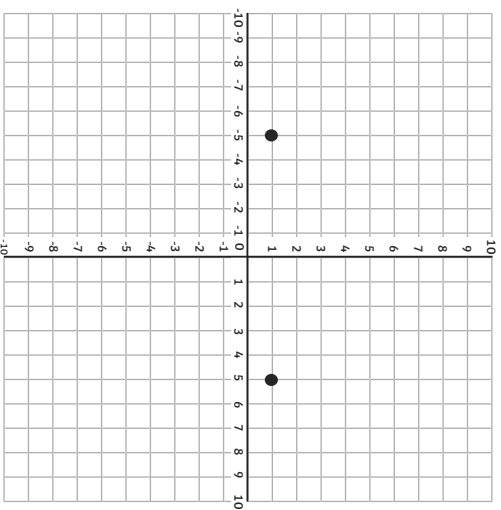
Plot the missing coordinates to make a **kite**.
Complete the drawing and write the missing coordinates:
(,),(,).

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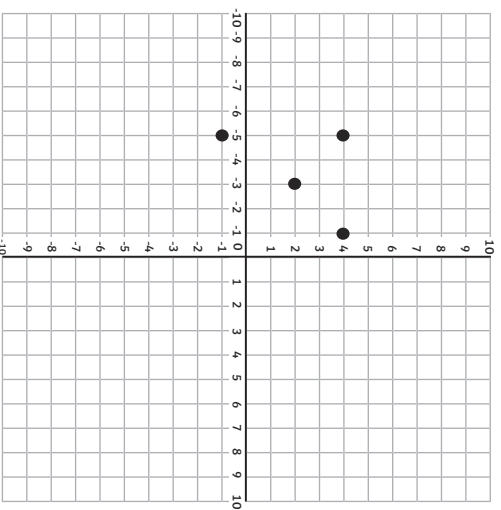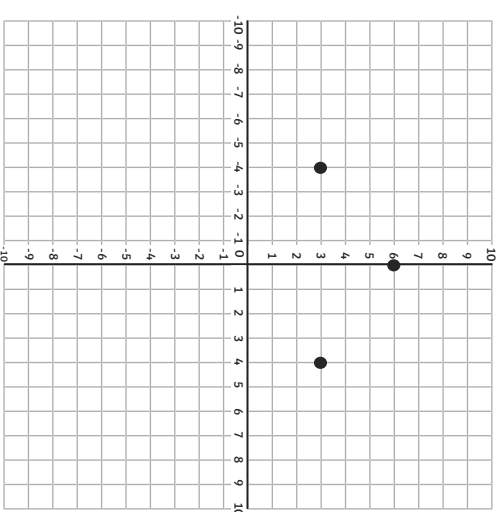
Plot the missing coordinates to make a **pentagon**.
Complete the drawing and write the missing coordinates:
(,),(,).

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Plot the missing coordinatess to make a **hexagon**.
Complete the drawing and write the missing coordinates:
(,),(,).

★★★

Plot the missing coordinates to make an **octagon**.
Complete the drawing and write the missing coordinates:
(,),(,).
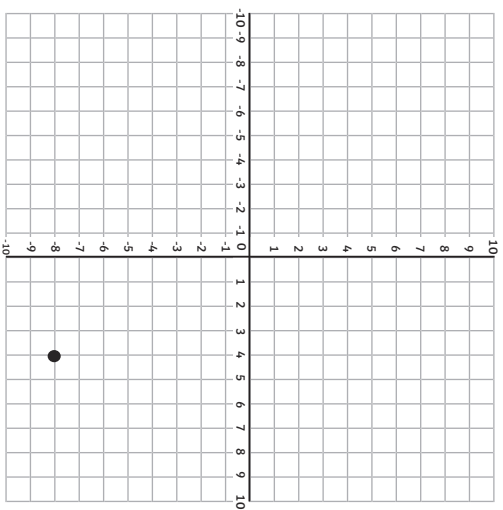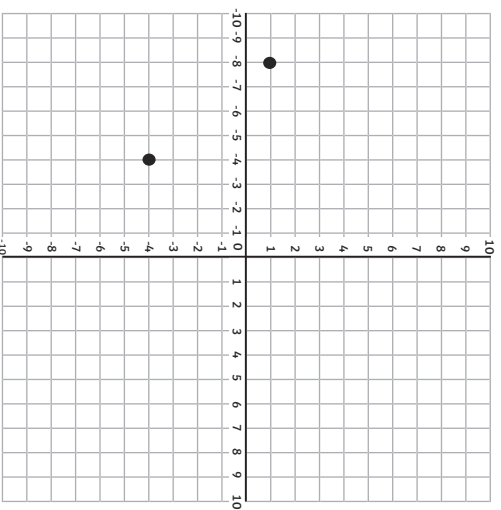
Missing Coordinate Polygons Answers ★
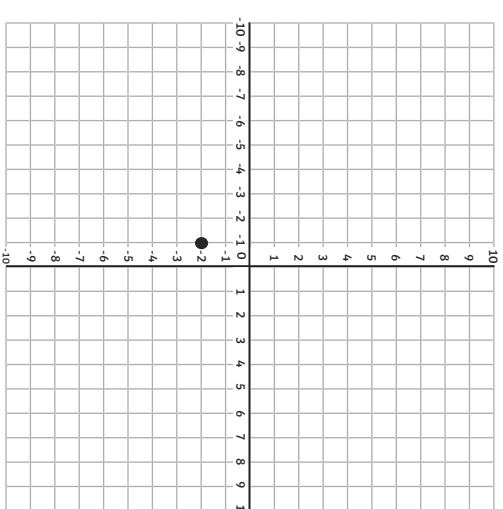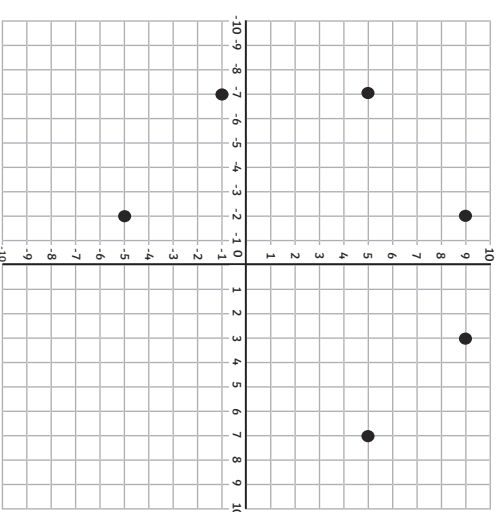
1. (1, 1)
2. (2, 1)
3. (2, 1)
4. (1, -4)
5. Various answers. Accept any coordinate that produces a triangle which contains one right angle (90-degree angle).
6. Various answers. Accept any coordinate that produces a 3-sided polygon with straight sides.
7. Various answers. Accept any coordinate that produces a 5-sided polygon with straight sides.
8. Various answers. Accept any coordinate that produces a 6-sided polygon with straight sides.
9. Various answers. Accept any coordinate that produces an 8-sided polygon with straight sides.

Missing Coordinate Polygons Answers ★★

1. Various answers. Accept any two coordinates which produce a triangle which contains one right angle (90-degree angle).
2. Various answers. Accept any two coordinates which produce a triangle with two equal sides.
3. Various answers. Accept any two coordinates which produce a triangle where no sides are equal.
4. Various answers. Accept any two coordinates which produce a 4-sided shape where opposite sides are parallel and opposite sides are equal.
5. Various answers. Accept any two coordinates which produce a 4-sided shape with straight sides and one pair of parallel sides.

Missing Coordinate Polygons Answers ★★

1. Various answers. Accept any coordinate that produces a triangle which contains one right angle.
2. Various answers. Accept any coordinate that produces a triangle where no sides are equal.
3. Various answers. Accept any coordinate that is on the y-axis.
4. (5, -5) or (-5, -5)
5. Various answers. Accept any coordinate that produces a 4-sided shape with straight sides and one pair of parallel sides.
6. (1, 2)
7. Various answers. Accept any coordinate that produces a 5-sided polygon with straight sides.
8. Various answers. Accept any coordinate that produces a 6-sided polygon with straight sides.
9. Various answers. Accept any coordinate that produces an 8-sided polygon with straight sides.

Missing Coordinate Polygons Answers ★★★

6. Various answers. Accept any two coordinates which produce a 4-sided shape with straight sides which has two pairs of sides. Each pair must be made of two adjacent sides which are the same length.
7. Various answers. Accept any two coordinates which produce a 5-sided polygon with straight sides.
8. Various answers. Accept any two coordinates which produce an 8-sided polygon with straight sides.
9. Various answers. Accept any two coordinates which produce a 6-sided polygon with straight sides.