

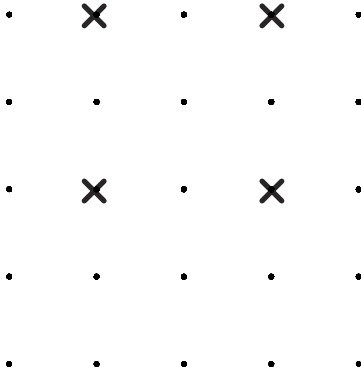
# Draw 2D Shapes

To draw polygons by joining marked points.

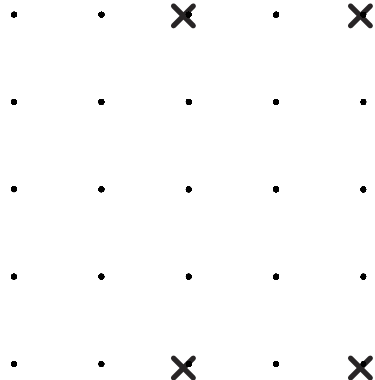


1) Join the vertices of these shapes using a ruler. Name the shape that you draw.

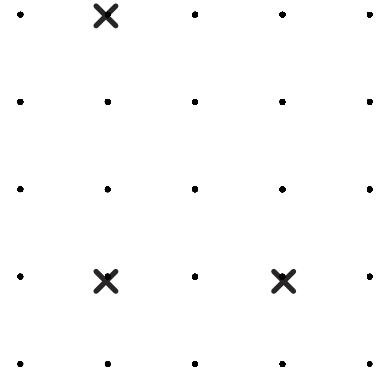
a) \_\_\_\_\_



b) \_\_\_\_\_

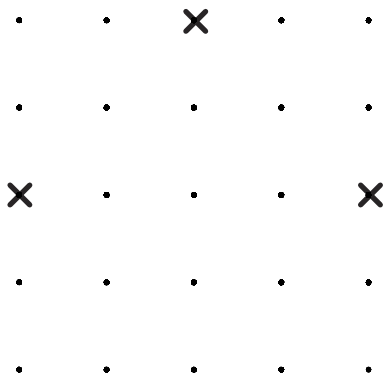


c) \_\_\_\_\_

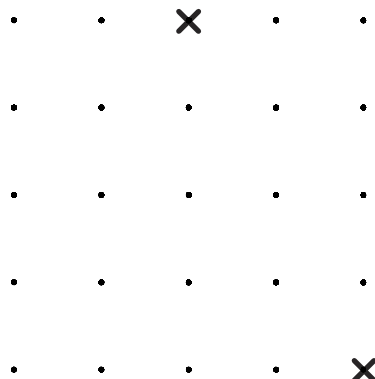


2) Plot the missing vertex to draw the following shapes. Use a ruler to complete the drawings.

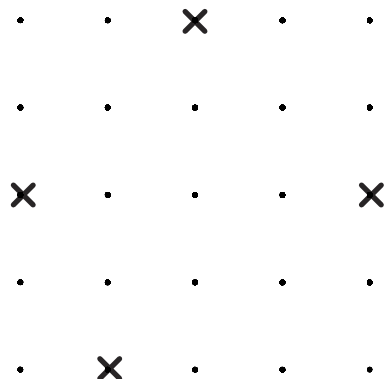
a) Square



b) Right-angled triangle



c) Pentagon



3) Draw three different quadrilaterals.



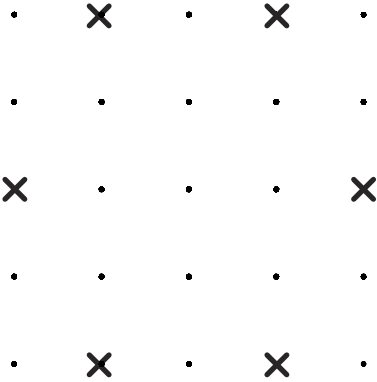
# Draw 2D Shapes

To draw polygons by joining marked points.

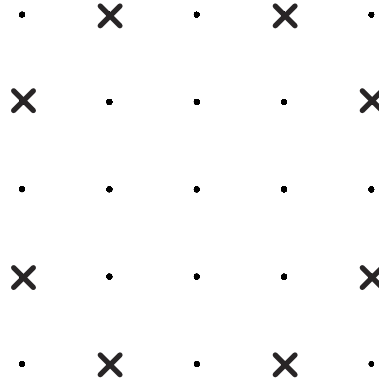


1) Join the vertices of these shapes using a ruler. Name the shape that you draw.

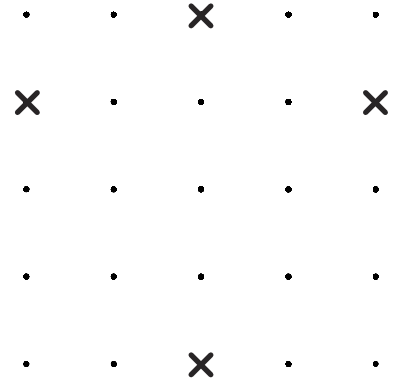
a) \_\_\_\_\_



b) \_\_\_\_\_

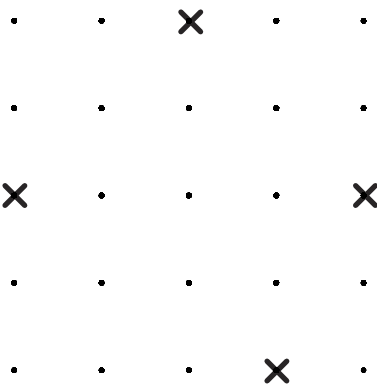


c) \_\_\_\_\_

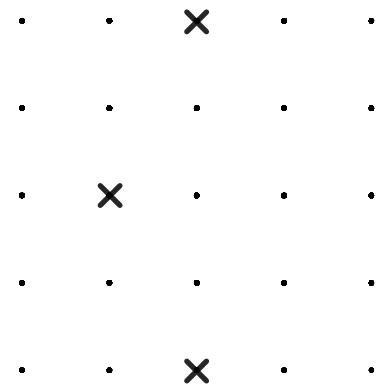


2) Plot the missing vertices to draw the following shapes. Use a ruler to complete the drawings.

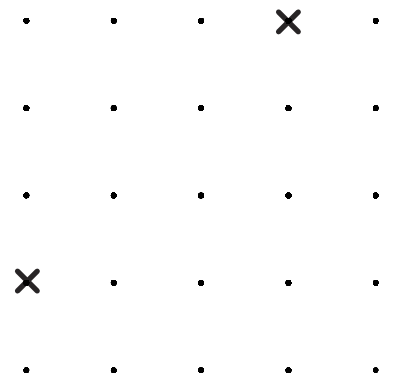
a) Pentagon



b) Rhombus



c) Square



3) Draw three different quadrilaterals including a kite, parallelogram and trapezium.



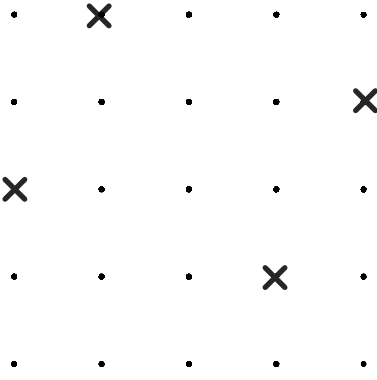
# Draw 2D Shapes

To draw polygons by joining marked points.

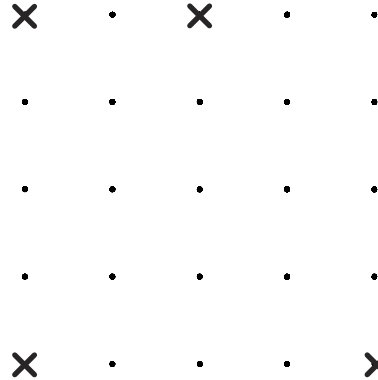


1) Join the vertices of these shapes using a ruler. Name the shape that you draw.

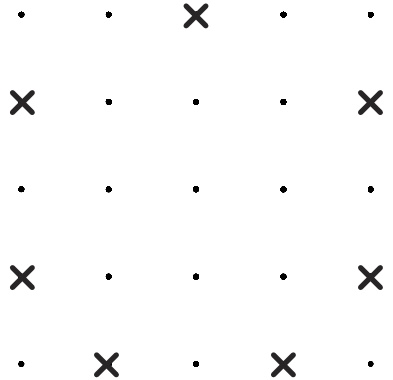
a) \_\_\_\_\_



b) \_\_\_\_\_

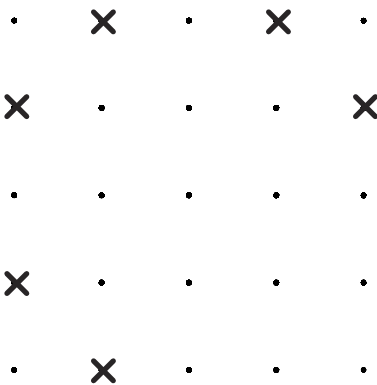


c) \_\_\_\_\_

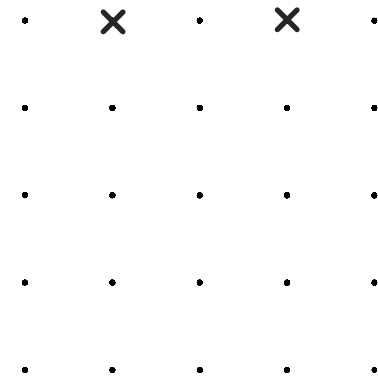


2) Plot the missing vertices to draw the following shapes. Use a ruler to complete the drawings.

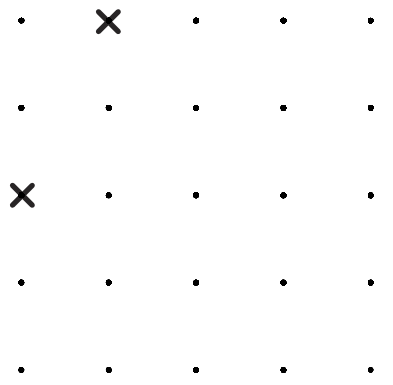
a) Octagon



b) Parallelogram



c) Trapezium



3) Draw three different hexagons.

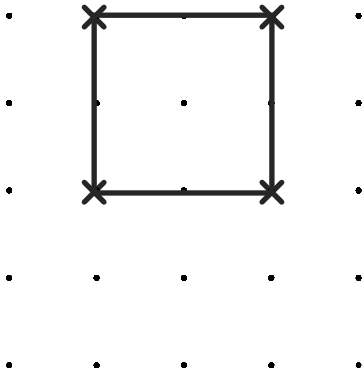
Challenge: is it possible to draw a regular hexagon with all sides the same length on this grid?



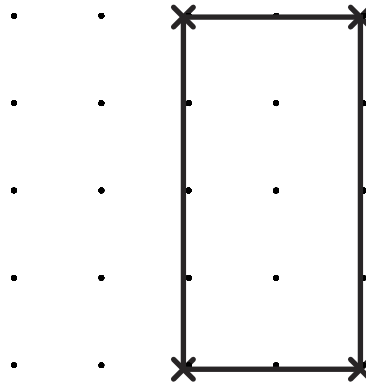
# Draw 2D Shapes Answers

1) Join the vertices of these shapes using a ruler. Name the shape that you draw.

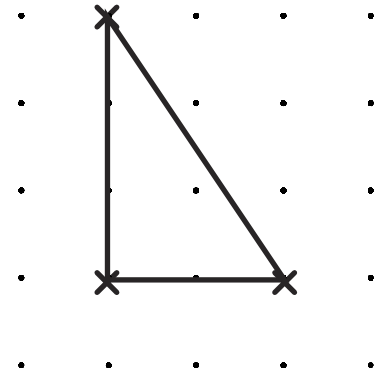
a) **Square**



b) **Rectangle**

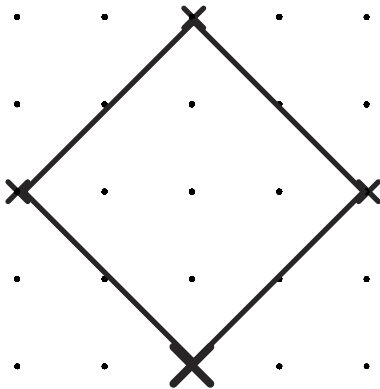


c) **Triangle**

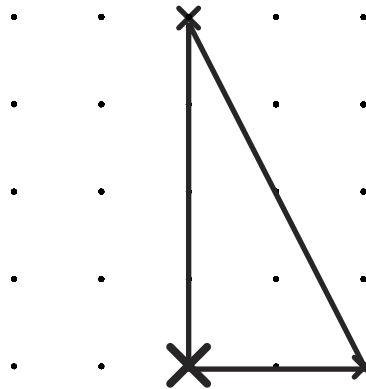


2) Plot the missing vertex to draw the following shapes. Use a ruler to complete the drawings.

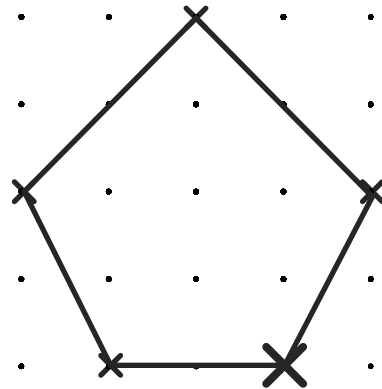
a) **Square**



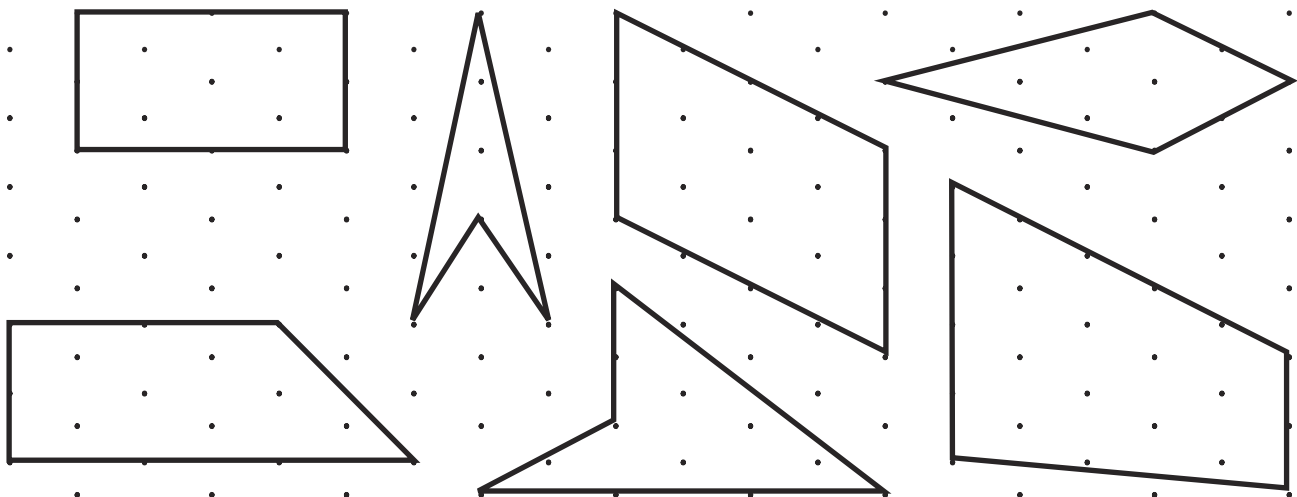
b) **Right-angled triangle**



c) **Pentagon**



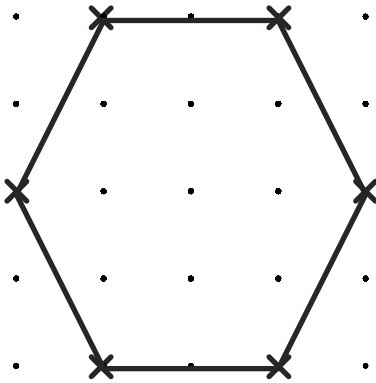
3) Draw three different quadrilaterals. **Open-ended question. Many possible answers, including:**



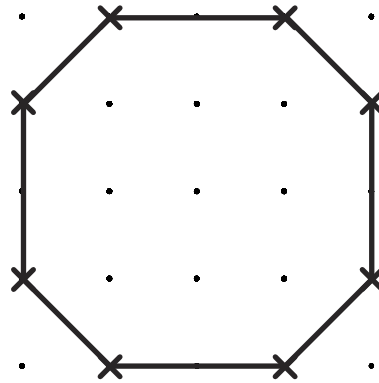
# Draw 2D Shapes Answers

1) Join the vertices of these shapes using a ruler. Name the shape that you draw.

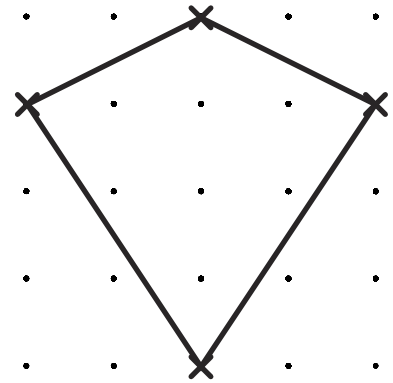
a) Hexagon



b) Octagon

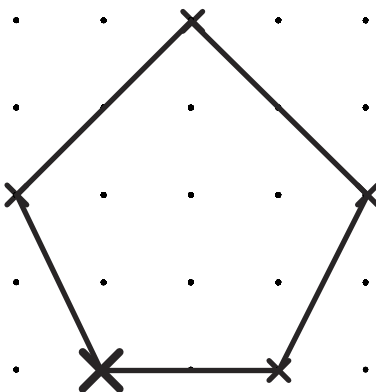


c) Kite

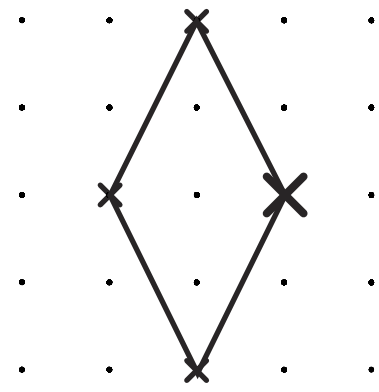


2) Plot the missing vertices to draw the following shapes. Use a ruler to complete the drawings.

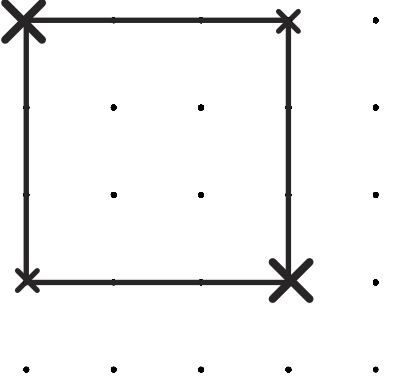
a) Pentagon



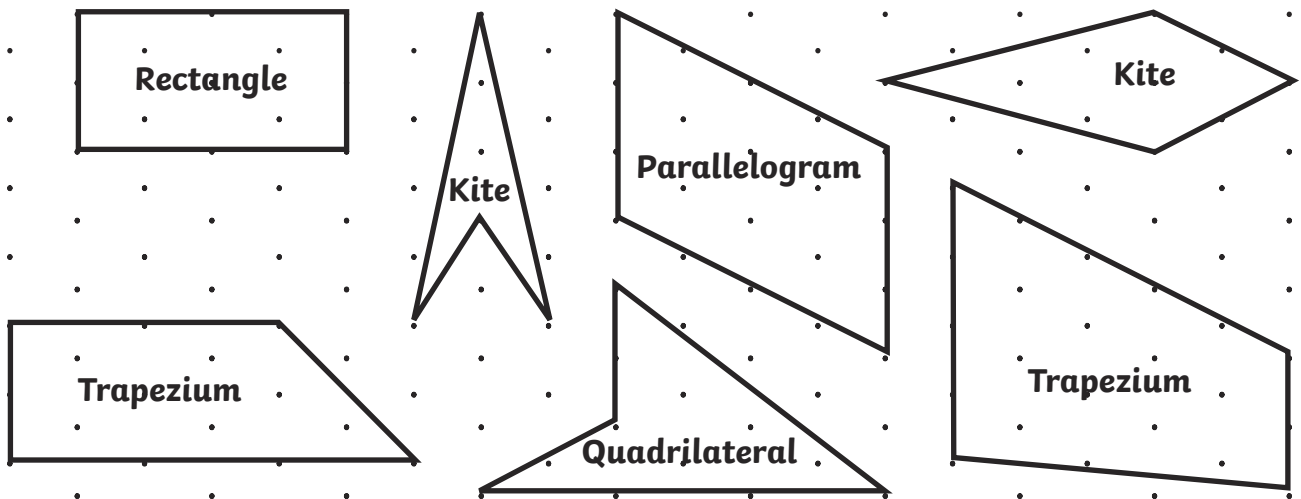
b) Rhombus



c) Square



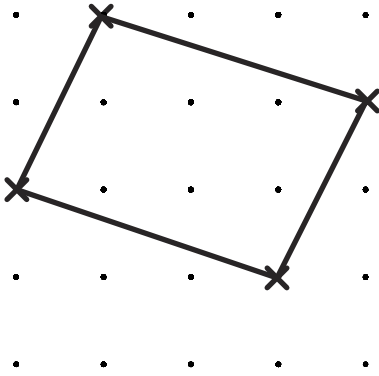
3) Draw three different quadrilaterals including a kite, parallelogram and trapezium. **Open-ended question. Many possible answers, including:**



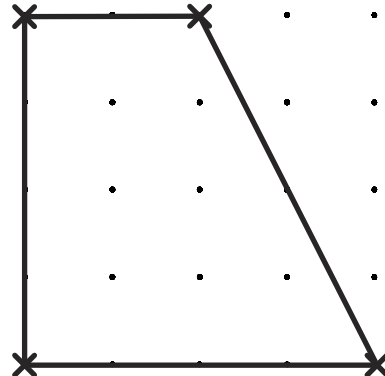
# Draw 2D Shapes Answers

1) Join the vertices of these shapes using a ruler. Name the shape that you draw.

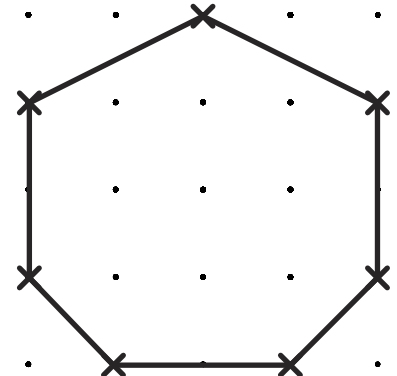
a) Parallelogram



b) Trapezium

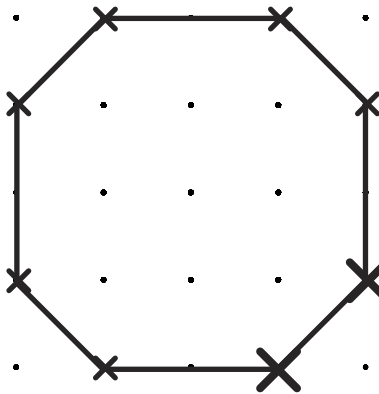


c) Heptagon

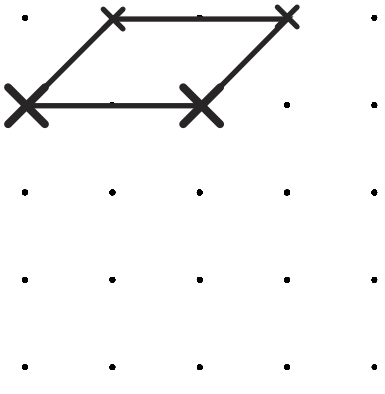


2) Plot the missing vertices to draw the following shapes. Use a ruler to complete the drawings.

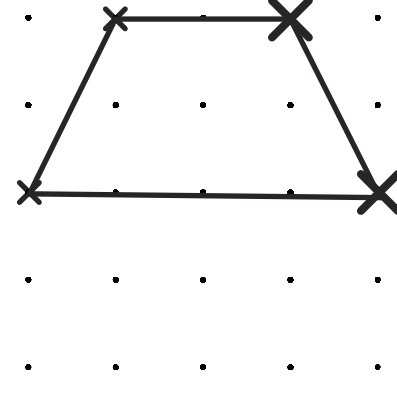
a) Octagon



b) Parallelogram



c) Trapezium



3) Draw three different hexagons.

Challenge: is it possible to draw a regular hexagon with all sides the same length on this grid?

**Open-ended question: example answers provided. If children have labelled any hexagons as regular, they should measure to check that all the sides are the same length.**

