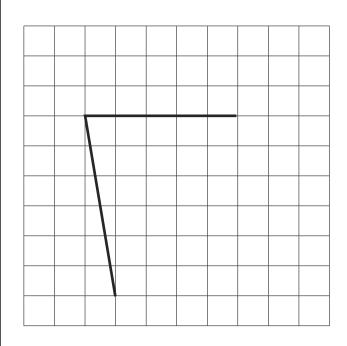# 2D Shape Reasoning

I can solve reasoning questions about drawing 2D shapes using the measurements given.
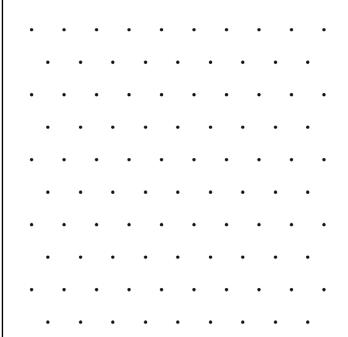
Solve these reasoning questions.

Question 1

Here is a cm square grid. Two sides of a parallelogram are drawn on the grid. Complete the parallelogram by drawing the missing sides. Use a ruler.
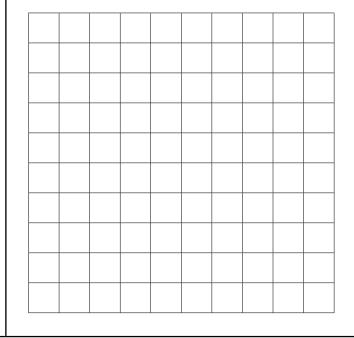
Question 2

On this isometric grid, draw a pentagon that has one right angle.

Use a ruler.

Question 3

On this grid, draw a rectangle which has the same area as a square with sides of 6cm.
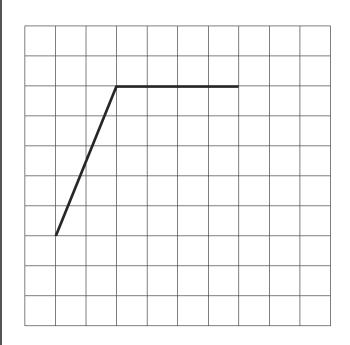
2D Shape Reasoning

I can solve reasoning questions about drawing 2D shapes using the measurements given.
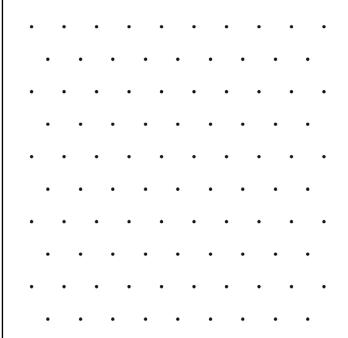
Solve these reasoning questions.

Question 1

Here is a cm square grid. Two sides of a parallelogram are drawn on the grid. Complete the parallelogram by drawing the missing sides. Use a ruler.
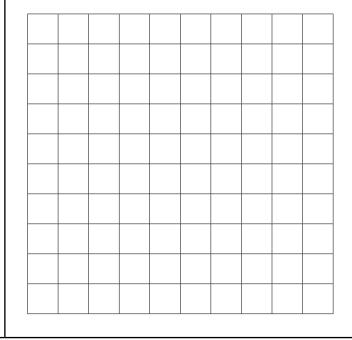
Question 2

On this isometric grid, draw a hexagon that has one right angle.

Use a ruler.

Question 3

On this grid, draw a triangle which has an area of 12cm².
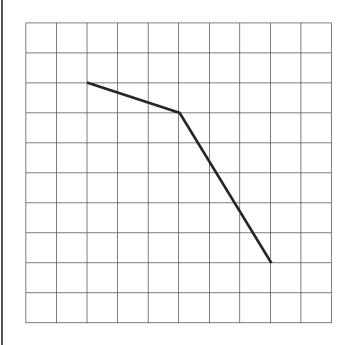
2D Shape Reasoning

I can solve reasoning questions about drawing 2D shapes using the measurements given.

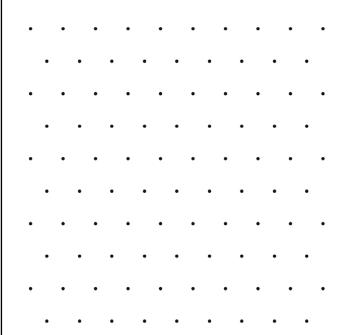Solve these reasoning questions.

Question 1

Here is a cm square grid. One side of a kite is drawn on the grid. Complete the kite by drawing the missing sides. Use a ruler.
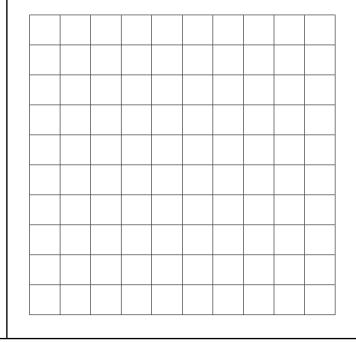
Question 2

On this isometric grid, draw an octagon that has one right angle.

Use a ruler.

Question 3

On this grid, draw a triangle which has an area of 20cm².

2D Shape Reasoning **Answers**
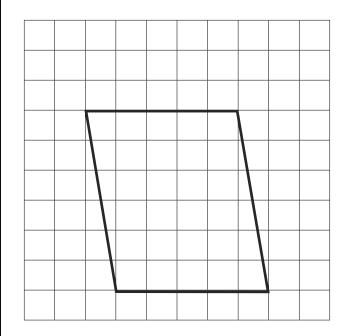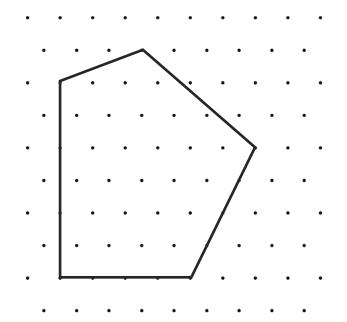
Solve these reasoning questions.

Question 1	**Question 2**	**Question 3**
Here is a cm square grid.	On this isometric grid, draw a triangle that has one right angle.	On this grid, draw a rectangle which has the same area as this shaded square.
Two sides of a parallelogram are drawn on the grid.	Use a ruler.	
Complete the parallelogram by drawing the missing sides.		
Use a ruler.		

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2D Shape Reasoning **Answers**

Solve these reasoning questions.

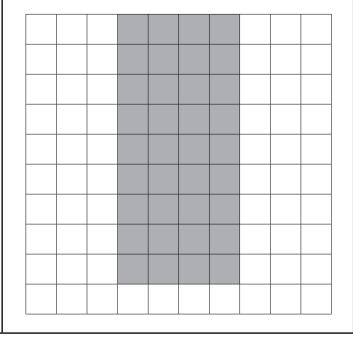| **Question 1**	**Question 2**	**Question 3**
Here is a cm square grid.	On this isometric grid, draw a triangle that has one right angle.	On this grid, draw a rectangle which has the same area as this shaded square.
Two sides of a parallelogram are drawn on the grid.	Use a ruler.	
Complete the parallelogram by drawing the missing sides.		
Use a ruler.		

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2D Shape Reasoning **Answers**

Solve these reasoning questions.

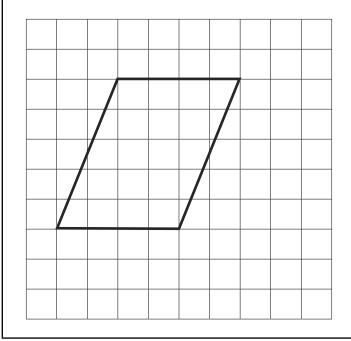**Question 1**

Here is a cm square grid.

Two sides of a rhombus are drawn on the grid.

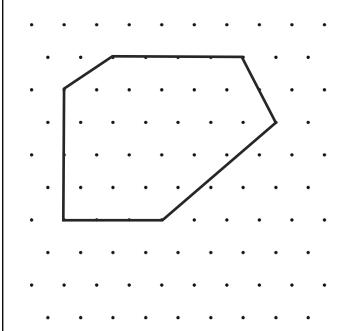Complete the rhombus by drawing the missing sides.
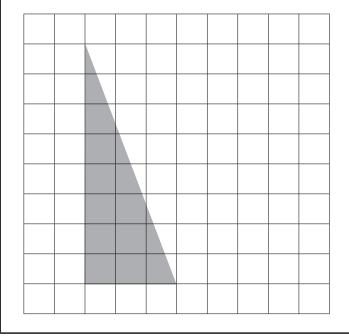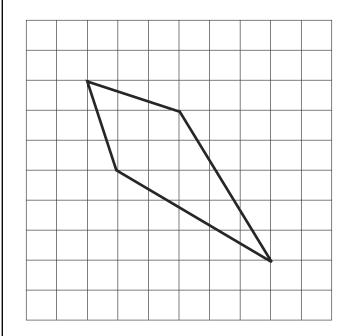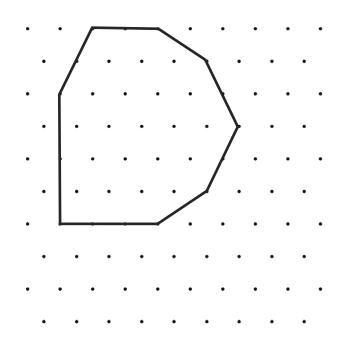
Use a ruler.

Question 2

On this isometric grid, draw a triangle that has one right angle.

Use a ruler.

Question 3

On this grid, draw a rectangle which has the same area as this shaded square.