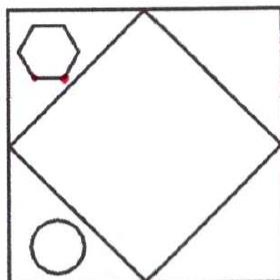


Shapes and angles – 2025 Checkpoint Primary Math Stage 3

1. 1/No.7

Here is a tile.

The tile shows four different types of 2D shapes.



Mia counts the number of vertices on each of the 2D shapes.
She records the information in a table.

Complete her table.

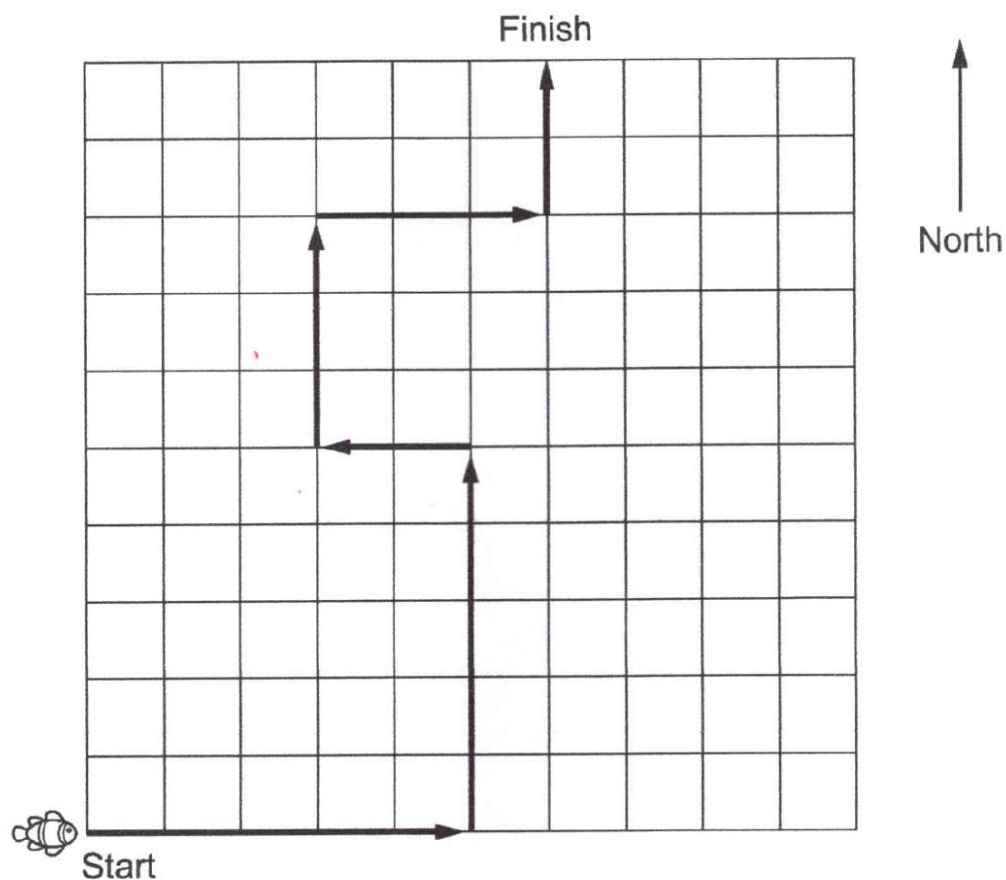
Some of it has been done for you.

Name of 2D shape	Number of vertices
circle	0
triangle	3
Square	4
Hexagon	6

[2]

2. 1/No.20

Here is a diagram showing the route a fish takes in a pond.



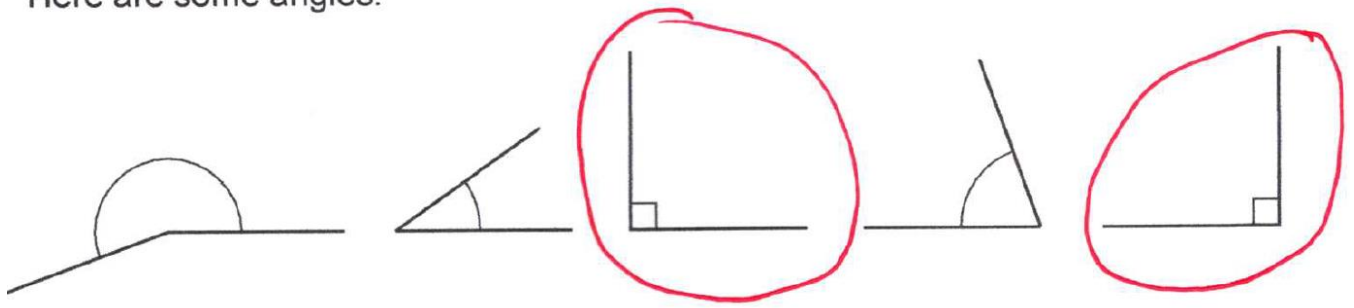
The arrows show the directions of the route.

Complete the directions.

east	5 squares
north	5 squares
<u>West</u>	2 squares
<u>North</u>	3 squares
<u>East</u>	3 squares
<u>North</u>	2 squares

3. 1 /No.21

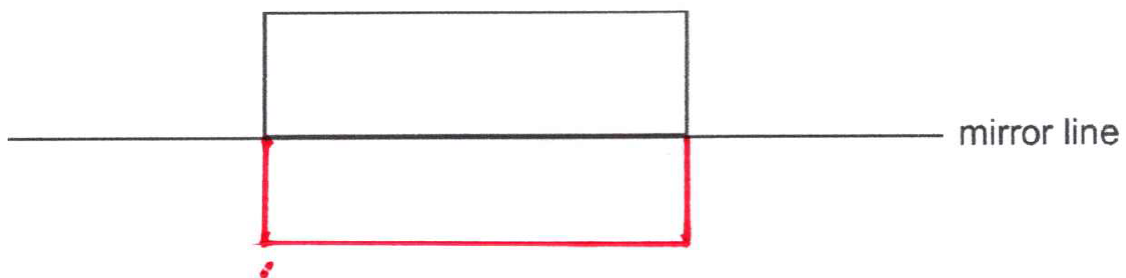
Here are some angles.



Draw a ring around the **two** angles that can be joined to make a straight line. [1]

4. 2 /No.2

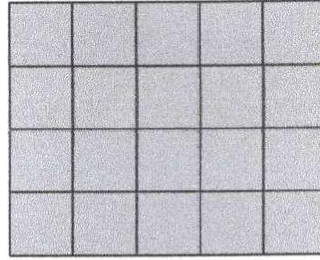
Sketch the reflection of the shape in the mirror line.



[1]

5. 2 /No.18

Gabriella uses small square tiles to make a rectangle.



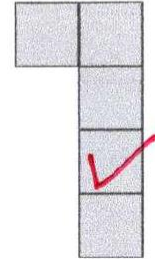
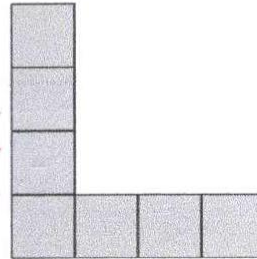
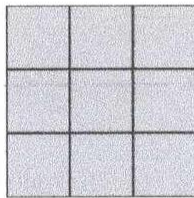
Number of tiles
= 20

$$\frac{1}{4} \times 20 = 5$$

= 5 squares

Safia uses $\frac{1}{4}$ of Gabriella's tiles to make a new shape.

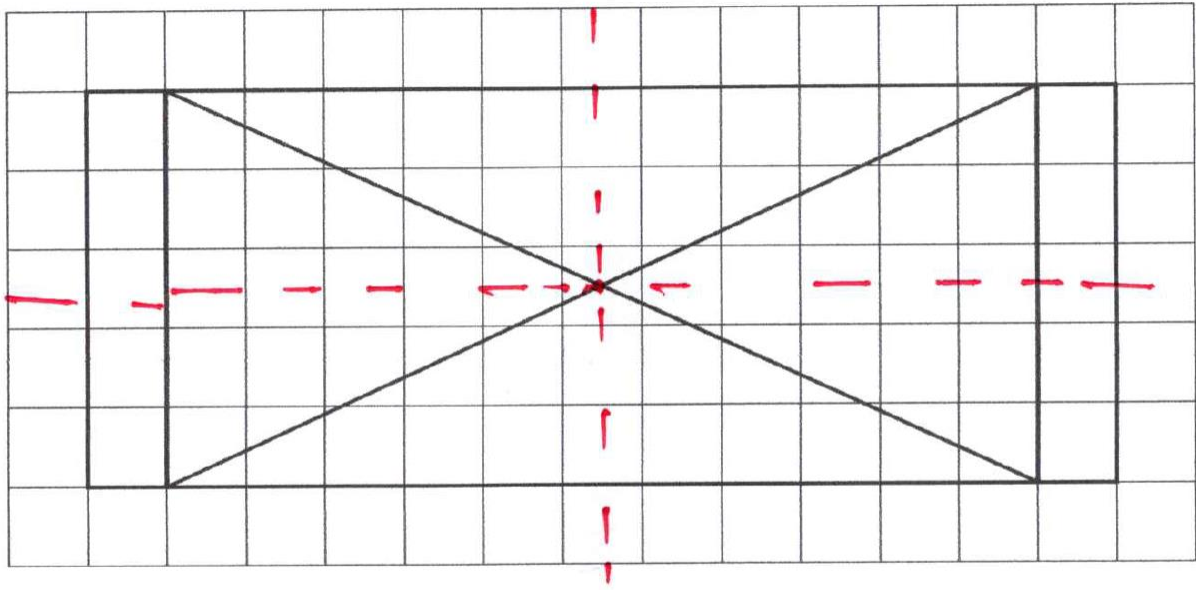
Tick (✓) all the shapes that Safia could make.



[1]

6. 2 /No.21

Here is a pattern drawn on a grid of squares.



Draw all the lines of symmetry in this pattern.

2 Lines of symmetry.

[1]