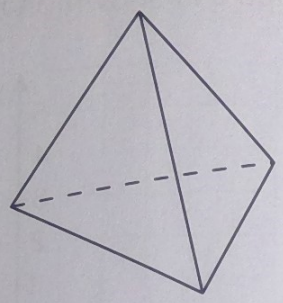
Mixed Practice

That's the end of Geometry — test how much you've learnt with these questions.

1 Here is a triangle-based pyramid.

How many vertices does it have?

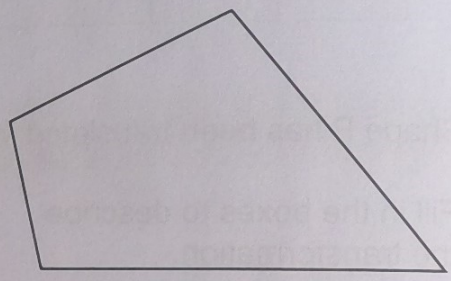


1 mark

2 Look at the quadrilateral below.

Measure the length of the longest side.

cm



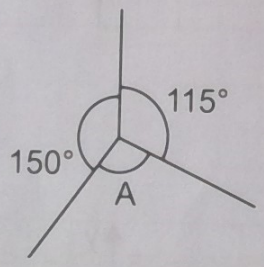
1 mark

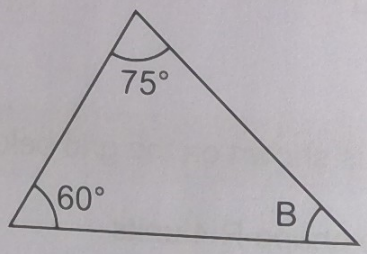
Measure the size of the acute angle.

°

1 mark

3 Calculate the missing angles in the diagrams below.





A = °

B = °

2 marks

4 Jacob says, "I am thinking of a quadrilateral. It has two pairs of equal-length sides. The sides in each pair are parallel."

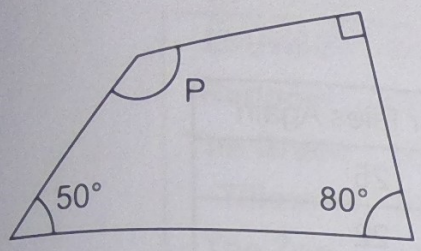
Write down **two** different shapes Jacob could be thinking of.

and

1 mark

Mixed Practice

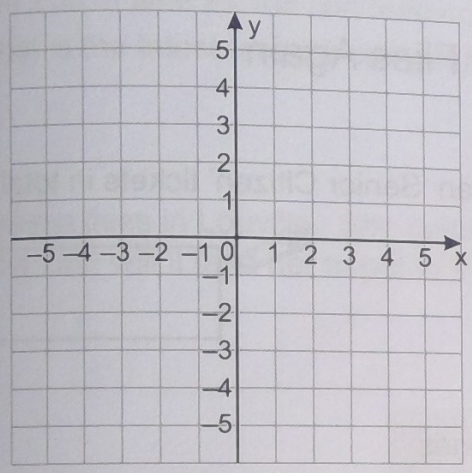
5 Calculate the missing angle P in this quadrilateral.



P = ____ °

1 mark

6 X, Y and Z are three vertices of a rectangle.



Plot the points X, Y and Z on the coordinate grid.

X (4, 3) Y (–2, 3) Z (–2, –4)

1 mark

Write down the coordinates of the fourth vertex of the rectangle.

(,)

1 mark

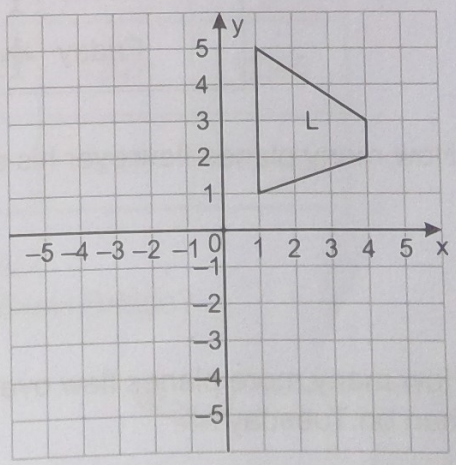
7 A gold medal has a radius of 3 cm.

What is the diameter of the medal?

____ cm

1 mark

8 Shape L is shown on the grid on the right.



Reflect shape L in the y-axis.

Label the reflected shape M.

1 mark

Translate **shape M** 5 squares to the right and 6 squares down.

Label the translated shape N.

1 mark

Check how well you've done with Geometry by adding up your marks from these Mixed Practice pages. Write your score in the box on the right, then fill in the scoresheet at the end of the book.

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