

- 2 An angle measures 157° .

Write down the mathematical name for this type of angle.

..... [1]

- 6 In triangle ABC , $AC = 6.4$ cm and $BC = 5.3$ cm.

Using a ruler and compasses only, construct triangle ABC .

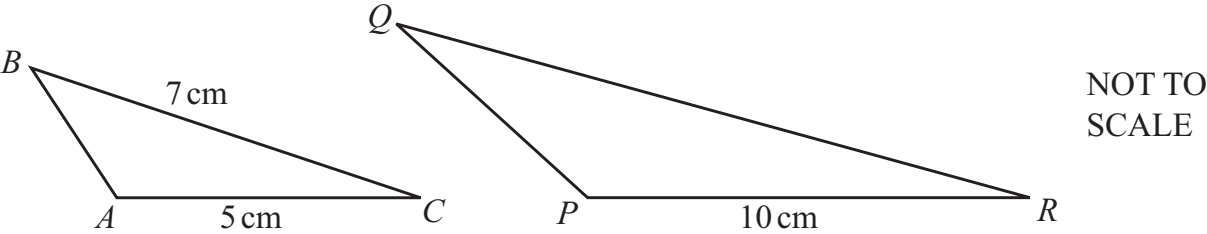
Leave in your construction arcs.

The line AB has been drawn for you.



[2]

25

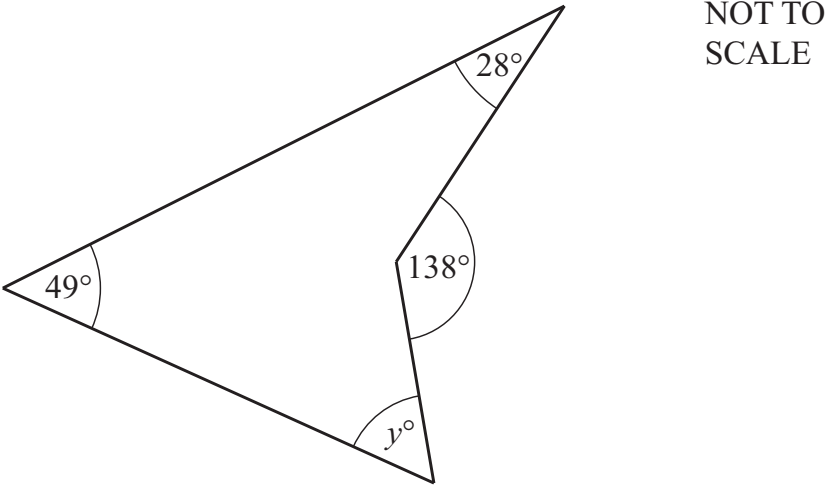


Triangle ABC is mathematically similar to triangle PQR .

Show that $QR = 14\text{ cm}$.

[1]

8

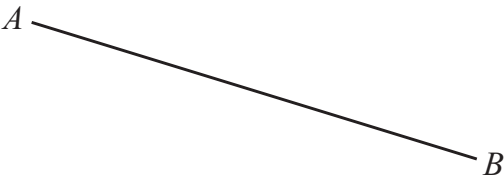


The diagram shows a quadrilateral.

Find the value of y .

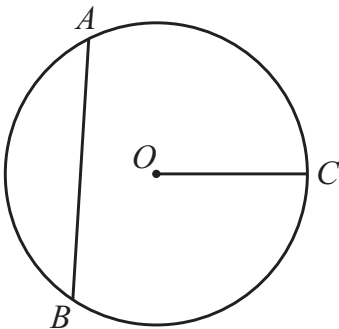
$y = \dots\dots\dots$ [2]

1



- (a) Measure the length of line AB in centimetres.
- cm [1]
- (b) Draw a line that is parallel to line AB . [1]

1 A, B and C are points on a circle, centre O .



- (a) Write down the mathematical name for line OC .
- [1]
- (b) Write down the mathematical name for line AB .
- [1]

9 (a) Shape A is a quadrilateral with only one pair of parallel lines.

Write down the mathematical name of shape A .

..... [1]

- (b)** Shape B is a quadrilateral with
- two pairs of parallel lines
 - all four sides equal
 - no right angles.

Write down the mathematical name of shape B .

..... [1]

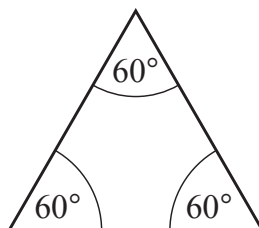
4 (a)



Write down the mathematical name of this solid.

..... [1]

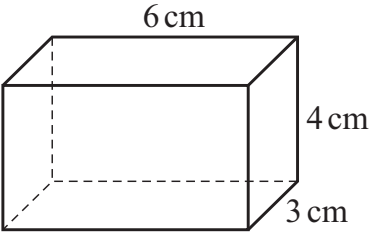
(b)



Write down the mathematical name of this type of triangle.

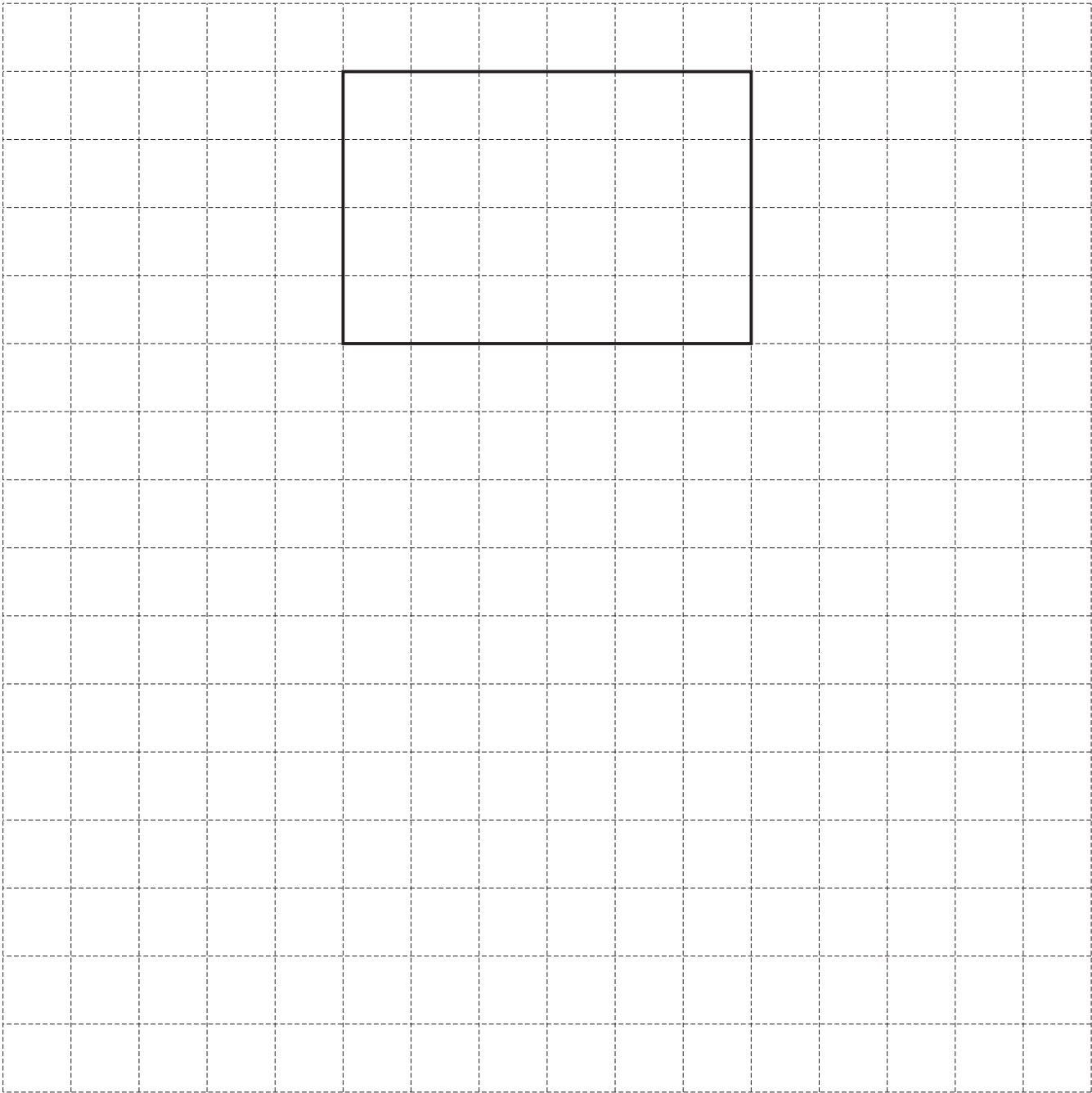
..... [1]

15



NOT TO
SCALE

Complete a net of this cuboid on the 1 cm^2 grid.
One face has been drawn for you.



[3]