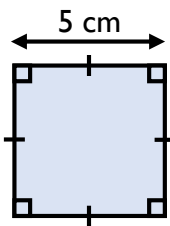


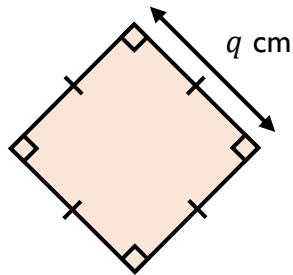
Name \_\_\_\_\_

1 Work out the values of  $p$  and  $q$ .



Area =  $p \text{ cm}^2$

$p =$  \_\_\_\_\_



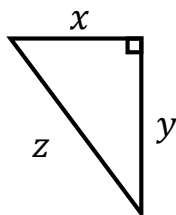
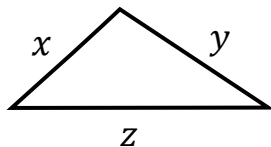
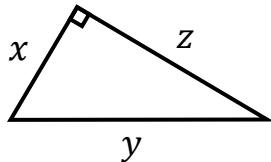
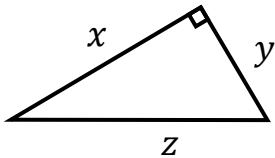
Area =  $64 \text{ cm}^2$

$q =$  \_\_\_\_\_



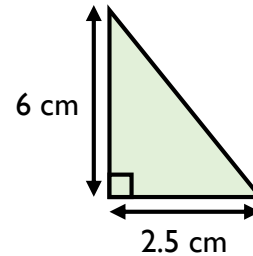
2 marks

2 Tick the triangles for which  $x^2 + y^2 = z^2$



2 marks

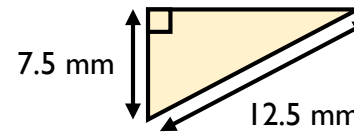
3 Calculate the length of the unknown side in each triangle.



\_\_\_\_\_ cm



2 marks

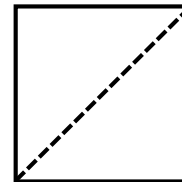


\_\_\_\_\_ mm



2 marks

4 The perimeter of the square is 36 m. Work out the length of its diagonal.



\_\_\_\_\_ m



3 marks

- 5 A triangle has sides of length 48 mm, 5 cm and 1.4 cm.  
Is the triangle right-angled?  
Show working to justify your answer.



3 marks

- 6 The point P has coordinates (5, 7)  
The point Q has coordinates (-1, -1)  
Find the length of the line segment PQ.

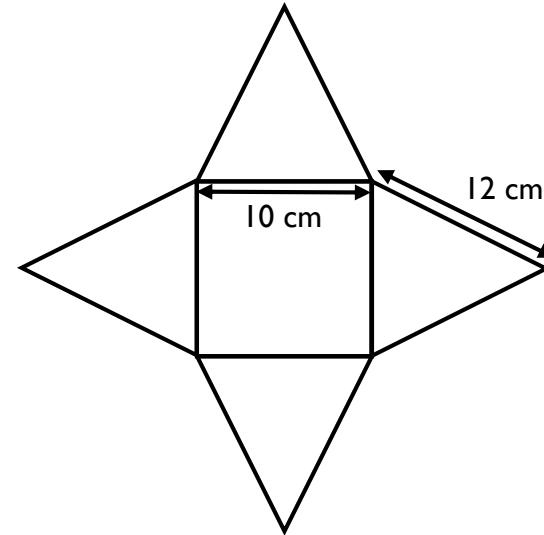
\_\_\_\_\_ units



3 marks

- 7 Here is the net of a square-based pyramid.

H



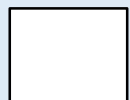
Calculate the height of the square-based pyramid.

\_\_\_\_\_ m



3 marks

Total marks



A