

Year 9 Class 15 questions

Q1

Find the real distance between towns A and B measuring 15 cm apart on a map with a scale of 1 : 100 000.

Distance = km

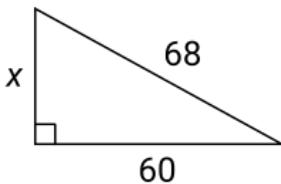
Q2

A map uses a scale 1 cm represents 5 km. What distance is represented by 7.3 cm on the map?

km

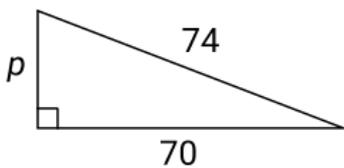
Q3

Find the value of x .



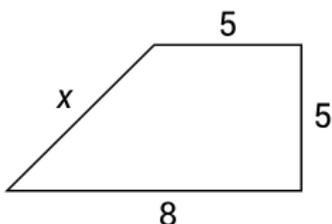
Q4

Find the value of p .



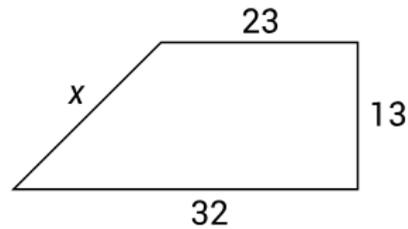
Q5

$x =$ (1 d.p.)



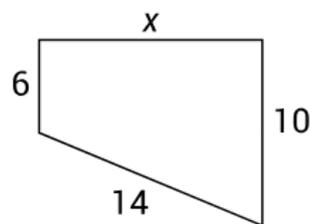
Q6

$x =$ (1 d.p.)



Q7

$x =$ (1 d.p.)



Q8

A scale of 1 cm : 1 km corresponds to

1 : 100 000

1 : 1000

1 : 10 000

1 : 1

Q9

A scale of 1 : 5000 corresponds to

1 cm : 500 m

1 cm : 50 m

1 m : 500 m

1 m : 50 m

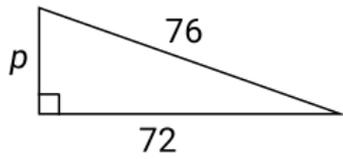
Q10

A map uses a scale 1 cm represents 2.5 km. Two towns are 80 km apart. How far apart do they appear on the map?

cm

Q11

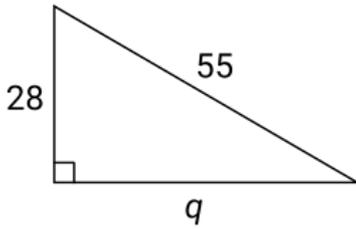
Find the value of p .



$p = \text{[]}$ (1 d.p.)

Q12

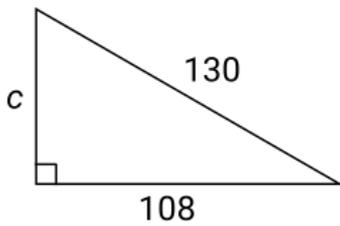
Find the value of q .



$q = \text{[]}$ (1 d.p.)

Q13

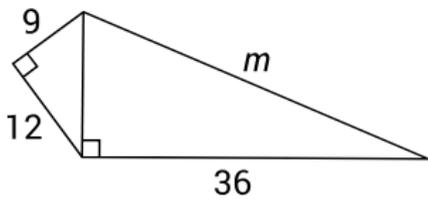
Find the value of c .



$c = \text{[]}$ (1 d.p.)

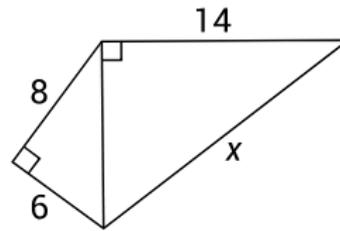
Q14

Find the value of m .



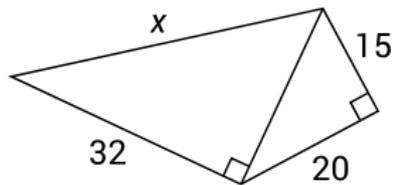
Q15

$x = \text{[]}$ (1 d.p.)



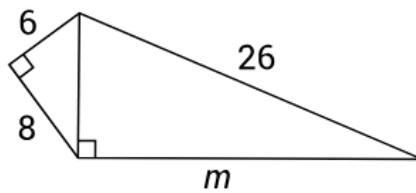
Q16

$x = \text{[]}$ (1 d.p.)



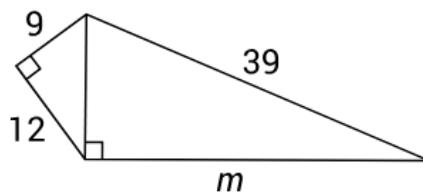
Q17

Find the value of m .



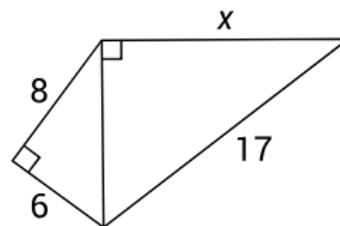
Q18

Find the value of m .



Q19

$x = \text{[]}$ (1 d.p.)



Q20

A map uses a scale 5 cm represents 1.2 km.
What distance is represented by 1 mm
on the map?

m

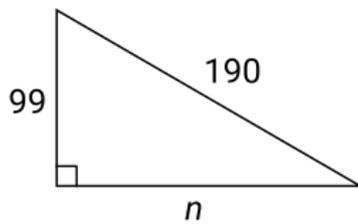
Q21

A model car uses a scale 1 cm represents
42 cm. What length is represented by
15 cm on the model car?

m

Q22

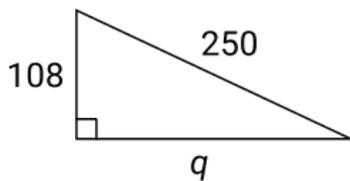
Find the value of n .



$n =$ (1 d.p.)

Q23

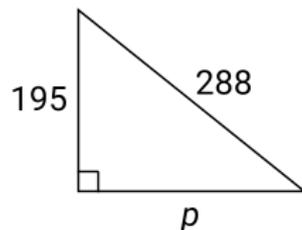
Find the value of q .



$q =$ (1 d.p.)

Q24

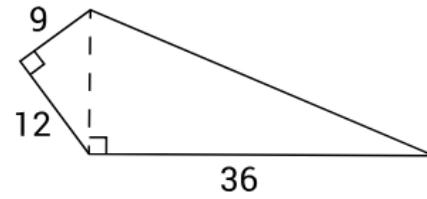
Find the value of p .



$p =$ (1 d.p.)

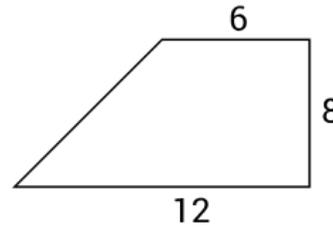
Q25

Find the perimeter.



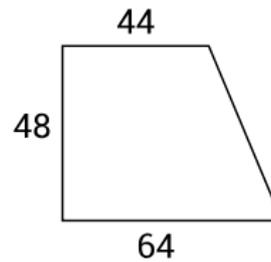
Q26

Find the perimeter.



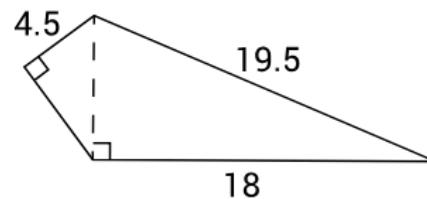
Q27

Find the perimeter.



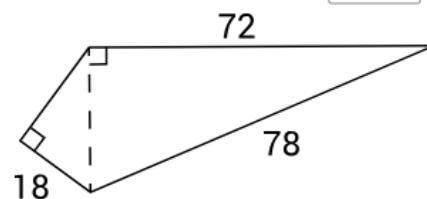
Q28

Find the perimeter.



Q29

Find the perimeter.



Q30

Find the perimeter.

