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 15 km

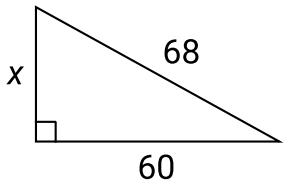
Q2

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

[ ] km 36.5 km

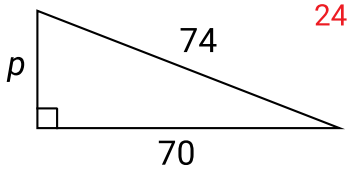
Q3

Find the value of x. [ ]
32



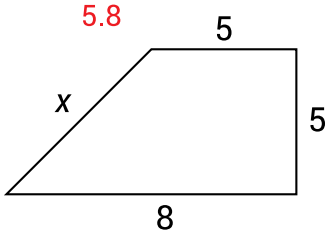
Q4

Find the value of p. [ ]
24



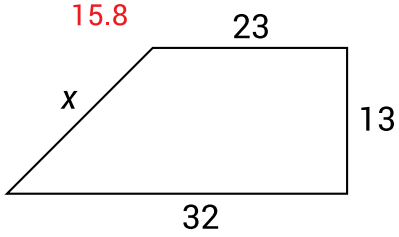
Q5

x = [ ] (1 d.p.)
5.8



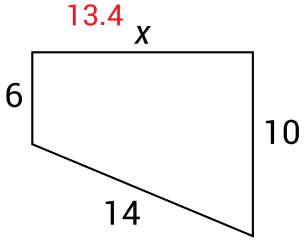
Q6

x = [ ] (1 d.p.)
15.8



Q7

x = [ ] (1 d.p.)
13.4



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

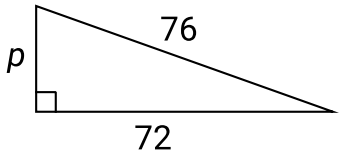
Q10

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 32 cm

Q11

Find the value of p.

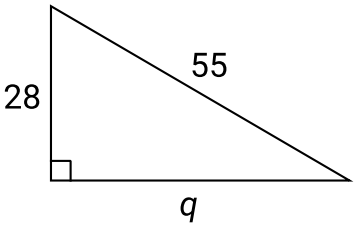


$p =$ [ ] (1 d.p.)

24.3

Q12

Find the value of q.

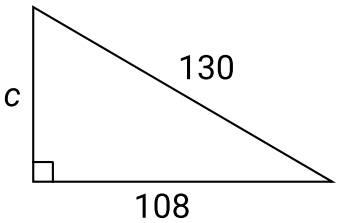


$q =$ [ ] (1 d.p.)

47.3

Q13

Find the value of c.



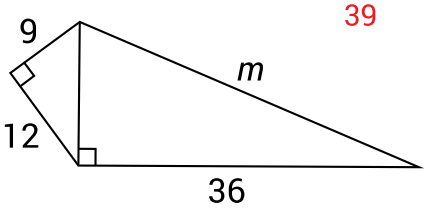
$c =$ [ ] (1 d.p.)

72.4

Q14

Find the value of m. [ ]

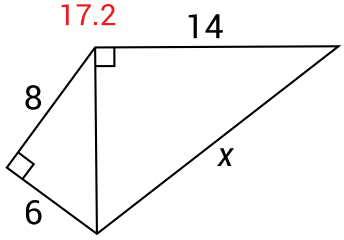
39



Q15

$x =$ [ ] (1 d.p.)

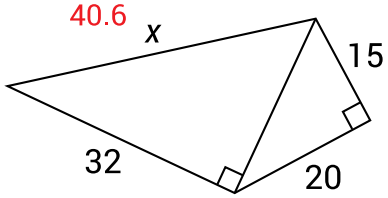
17.2



Q16

$x =$ [ ] (1 d.p.)

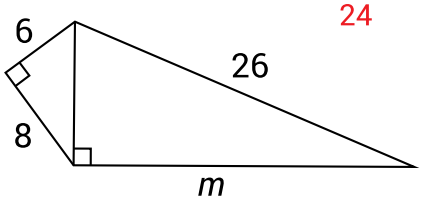
40.6



Q17

Find the value of m. [ ]

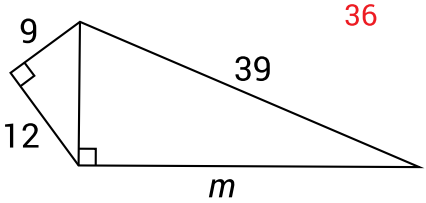
24



Q18

Find the value of m. [ ]

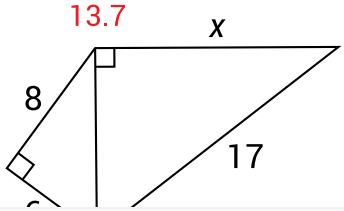
36



Q19

$x =$ [ ] (1 d.p.)

13.7



Q20

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

[ ] m 24 m

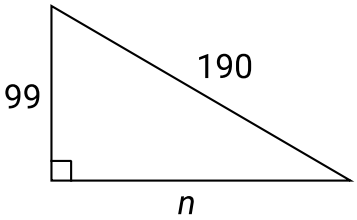
Q21

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

[ ] m 6.3 m

Q22

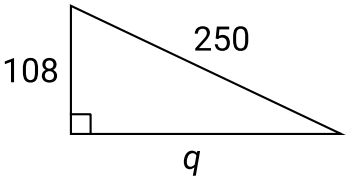
Find the value of n.



n = [ ] (1 d.p.)
162.2

Q23

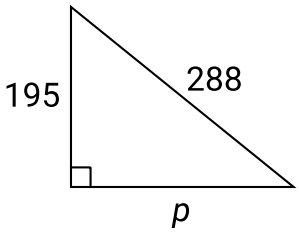
Find the value of q.



q = [ ] (1 d.p.)
225.5

Q24

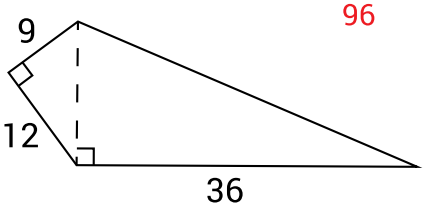
Find the value of p.



p = [ ] (1 d.p.)
211.9

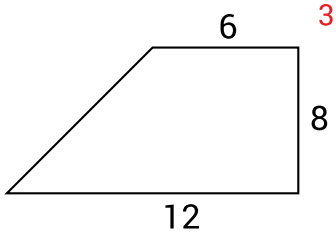
Q25

Find the perimeter. [ ]
96



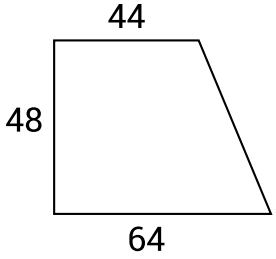
Q26

Find the perimeter. [ ]
36



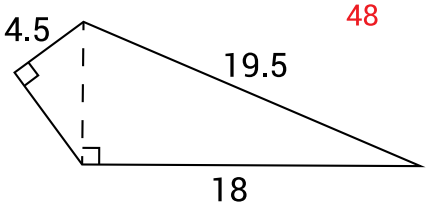
Q27

Find the perimeter. [ ]
208



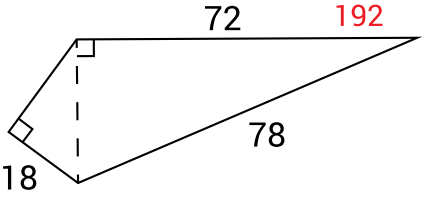
Q28

Find the perimeter. 48



Q29

Find the perimeter. 192



Q30

Find the perimeter. 38