

Year 7 Class 23 questions

Q1

The area of a rectangle is 9750 m^2 .
If the length is 130 m , find its width.

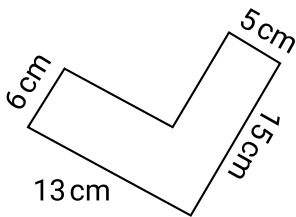
Width = m **75m**

Q2

The area of a rectangle is 2451 m^2 .
If the length is 64.5 m , find its width.

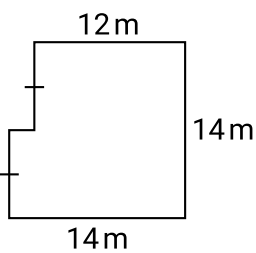
Width = m **38m**

Q3



Area = cm^2 **123**

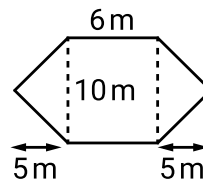
Q4



Area = m^2 **182**

Q5

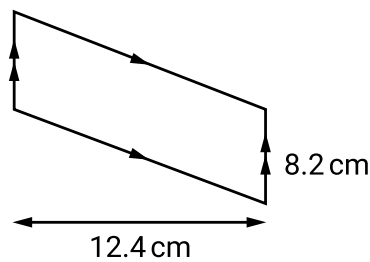
Find the area.



Area = m^2 **110m²**

Q6

Find the area of this parallelogram.



Area = cm^2 **101.68cm²**

Q7

A square backyard has an area of 484 m^2 .
How long is each side?

m **22m**

Q8

A square paddock has an area of 7140.25 m^2 .
How long is each side?

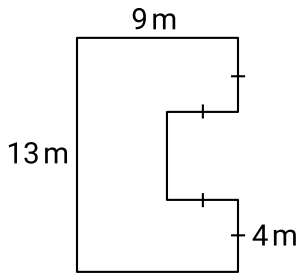
m **84.5m**

Q9

A verandah is 140 cm wide and 6.4 m long.
Find the area in m^2 .

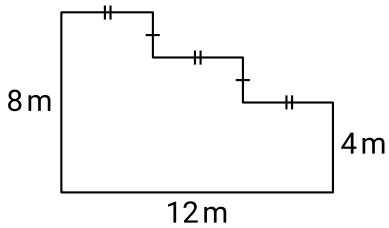
8.96

Q10



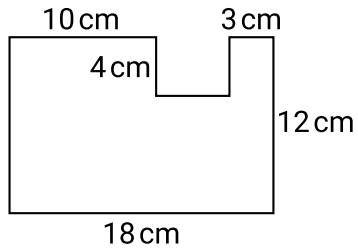
Area = m² 97

Q11



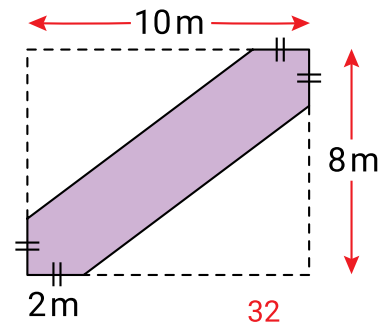
Area = m² 72

Q12



Area = cm² 196

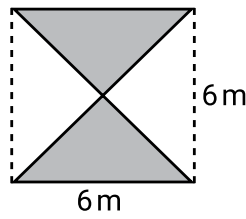
Q13



Shaded area = m² 32

Q14

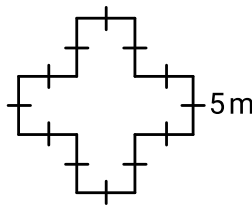
Find the area.



Area = m² 18m²

Q15

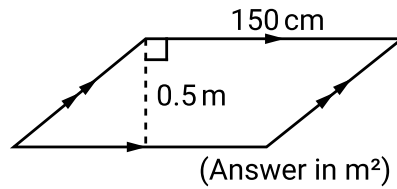
Find the area.



Area = m² 125m²

Q16

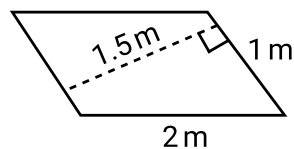
Find the area.



Area = m² 0.75m²

Q17

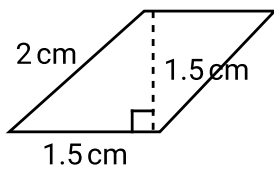
Find the area.



Area = m² 1.5m²

Q18

Find the area.



Area = cm² **2.25 cm²**

Q19

A rectangular park is 24 m long and 21.5 m wide. New turf costing \$7.25 per square metre is purchased to cover it.

What is the area of the park?

Area = m² **516 m²**

What is the cost of the turf required to cover the park?

Cost = \$ **\$3741.00**

Q20

A sport field is 120 m long and 65 m wide. New turf costing \$4.5 per square metre is purchased to cover it.

What is the area of the field?

Area = m² **7800 m²**

What is the cost of the turf required to cover the field?

Cost = \$ **\$35100.00**

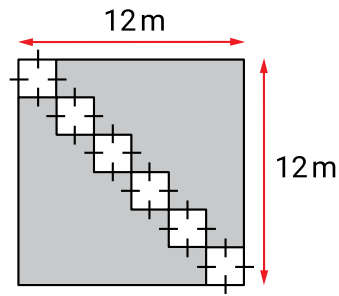
Q21

A rectangular wall measures 3.6 m by 2.7 m. One litre of paint covers 12 square metres.

How many litres of paint are needed to paint the wall with 3 coats of paint?
(Answer to 1 decimal place)

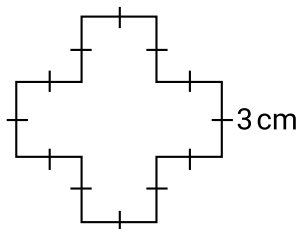
litres **2.4 litres**

Q22



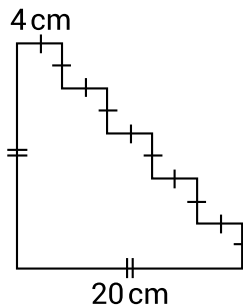
Shaded Area = m² **120**

Q23



Area = cm² **45**

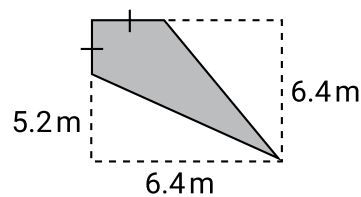
Q24



Area = cm² **240**

Q25

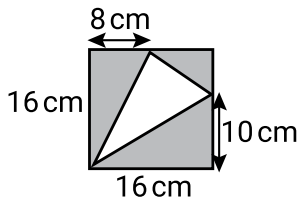
Find the shaded area.



Area = m² **7.68 m²**

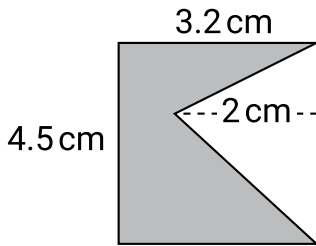
Q26

Find the shaded area.



Shaded Area = cm² **168 cm²**

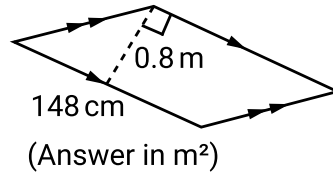
Q27



Shaded Area = cm² **9.9**

Q28

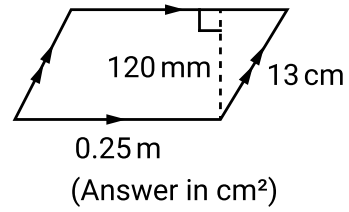
Find the area.



Area = m² **1.184 m²**

Q29

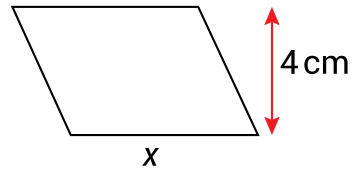
Find the area.



Area = cm² **300 cm²**

Q30

The parallelogram has an area of 60 cm².



x = cm **15**