

Year 7 Class 23 questions

Q1

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

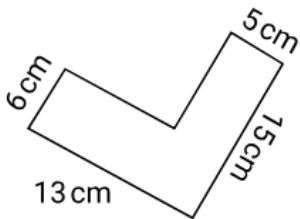
Width = m

Q2

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

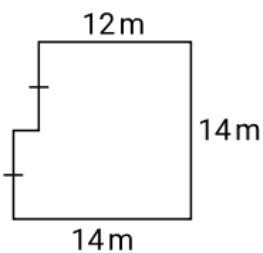
Width = m

Q3



Area = cm^2

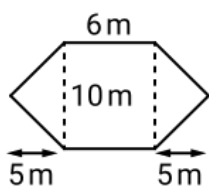
Q4



Area = m^2

Q5

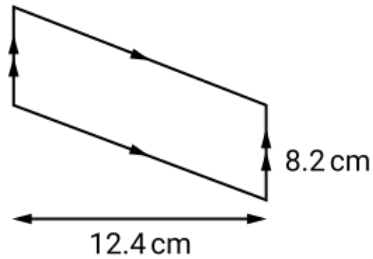
Find the area.



Area = m^2

Q6

Find the area of this parallelogram.



Area = cm^2

Q7

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

m

Q8

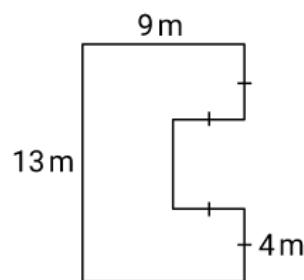
A square paddock has an area of 7140.25 m^2 .
How long is each side?

m

Q9

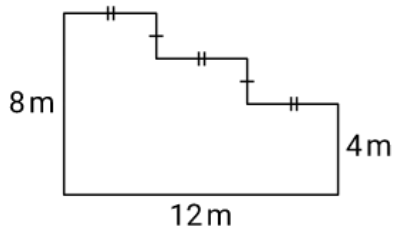
A verandah is 140 cm wide and 6.4 m long.
Find the area in m^2 .

Q10



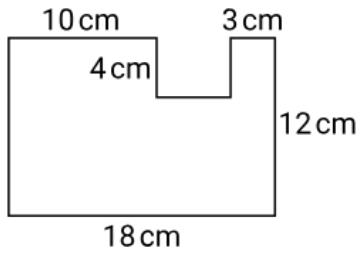
Area = m^2

Q11



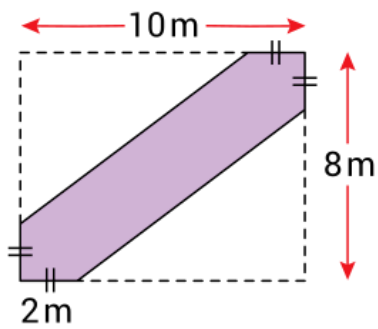
Area = m²

Q12



Area = cm²

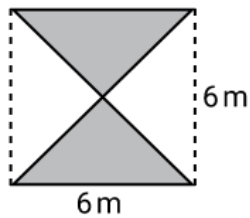
Q13



Shaded area = m²

Q14

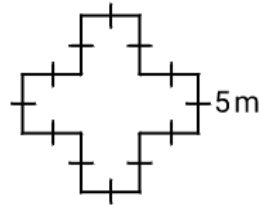
Find the area.



Area = m²

Q15

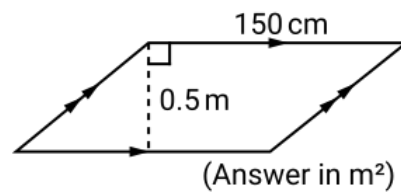
Find the area.



Area = m²

Q16

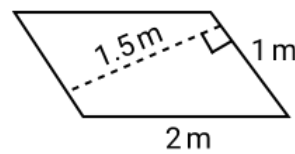
Find the area.



Area = m²

Q17

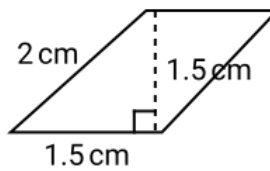
Find the area.



Area = m²

Q18

Find the area.



Area = 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

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

Cost = \$

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

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

Cost = \$

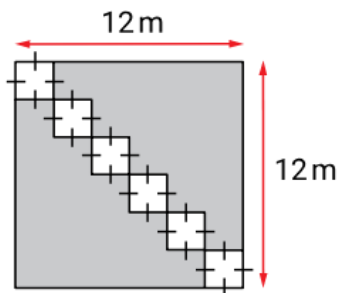
Q21

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)

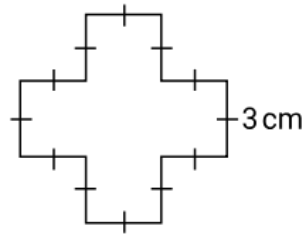
litres

Q22



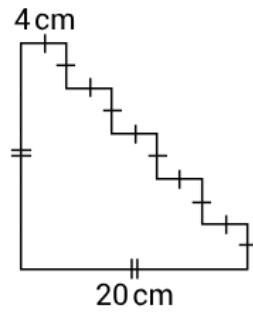
Shaded Area = m²

Q23



Area = cm²

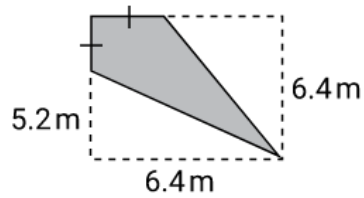
Q24



Area = cm²

Q25

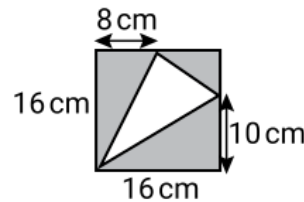
Find the shaded area.



Area = m²

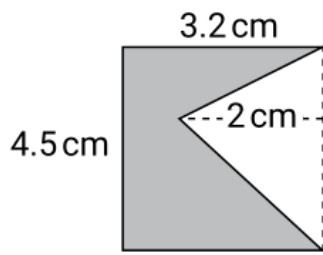
Q26

Find the shaded area.



Shaded Area = cm²

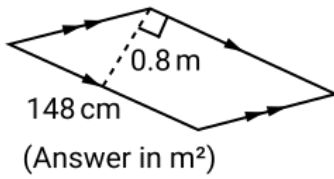
Q27



Shaded Area = cm²

Q28

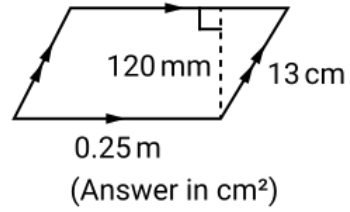
Find the area.



Area = m²

Q29

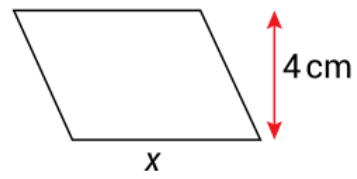
Find the area.



Area = cm²

Q30

The parallelogram has an area of 60 cm².



$x =$ cm