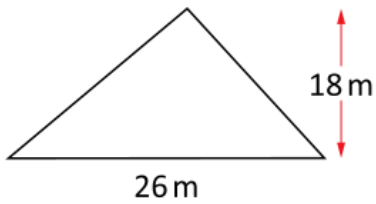


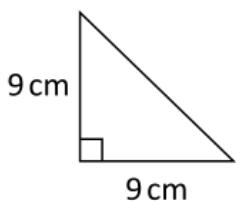
# Year 7 Class 24 questions

Q1



Area =  m<sup>2</sup>

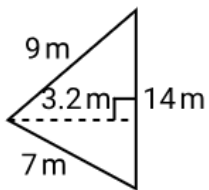
Q2



Area =  cm<sup>2</sup>

Q3

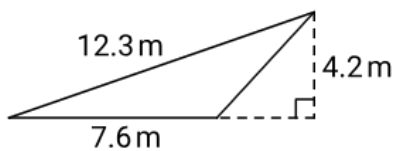
Find the area.



Area =  m<sup>2</sup>

Q4

Find the area.



Area =  m<sup>2</sup>

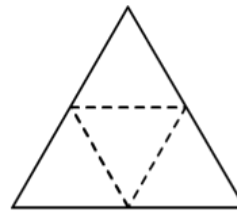
Q5

Complete the conversion.

4800 kg =  t

Q6

Name the solid formed by folding the net.



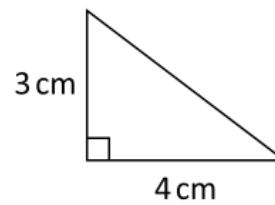

Triangular pyramid

Square pyramid

Triangular prism

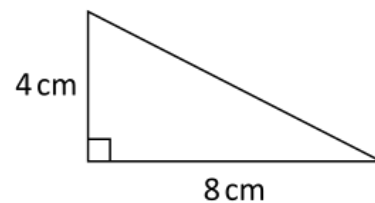
Cylinder

Q7



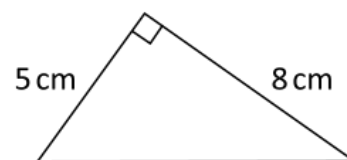
Area =  cm<sup>2</sup>

Q8



Area =  cm<sup>2</sup>

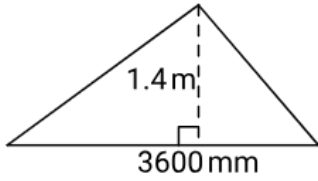
Q9



Area =  cm<sup>2</sup>

Q10

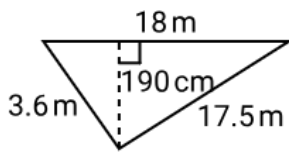
Find the area of this triangle.



Area =  m<sup>2</sup>

Q11

Find the area of this triangle.



Area =  m<sup>2</sup>

Q12

A triangular sail for a boat has height 3.5m and base 8.2m.

What is the area of material needed to make this sail?

Area =  m<sup>2</sup>

Q13

Complete the conversion.

27.5 kg =  t

Q14

Complete the conversion.

1 200 000 mg =  kg

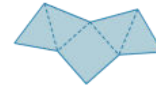
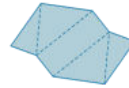
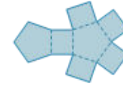
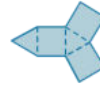
Q15

Complete the conversion.

12.2 kg =  mg

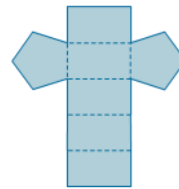
Q16

Determine which net will form this solid.



Q17

Name the solid formed when this net is folded.




Pentagonal prism

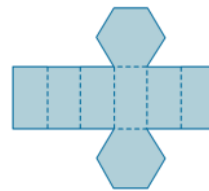
Pentagonal pyramid

Triangular pyramid

Cube

Q18

Name the solid formed when this net is folded.



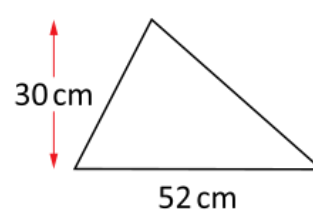

Hexagonal prism

Triangular pyramid

Pentagonal pyramid

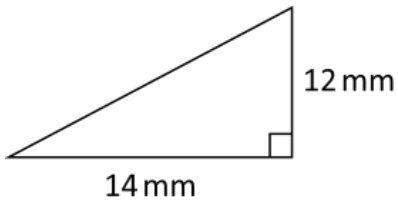
Square pyramid

Q19



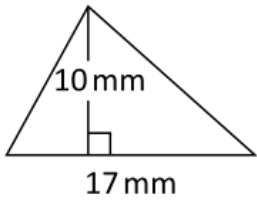
Area =  cm<sup>2</sup>

Q20



Area =  mm<sup>2</sup>

Q21



Area =  mm<sup>2</sup>

Q22

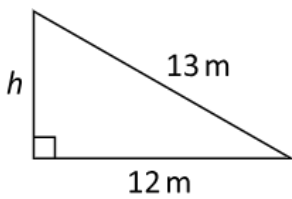
Find the missing length in this triangle.



b =  km

Q23

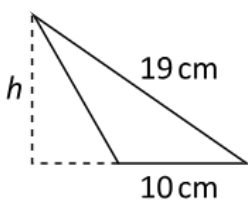
Find  $h$  if the area = 30 m<sup>2</sup>.



$h =$   m

Q24

Find  $h$  if the area = 152 cm<sup>2</sup>.



$h =$   cm

Q25

A bag of 8 lollies has a mass of 0.8 kg.

What is the mass of each lolly?

g

Q26

2 dogs together, have a mass of 14 kg.

If one dog is 3 times the mass of the other, what is the mass of the smaller dog?

g

Q27

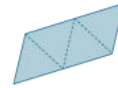
The price of shaved ham at a delicatessen in \$14/kg.

How much would you pay for 750 grams?

\$

Q28

Determine which net will form this solid.



Q29

Name the solid formed when this net is folded.



Rectangular prism

Rectangular pyramid

Cylinder

Cone

Q30

Name the solid formed when this net is folded.



Triangular prism

Square pyramid

Hexagonal pyramid

Pentagonal pyramid