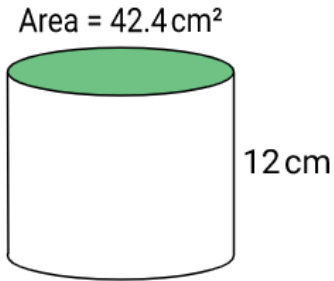


Year 7 Class 25 questions

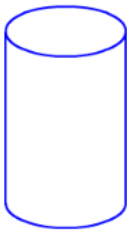
Q1

Find the volume. cm^3



Q2

Name the solid.



Hexagonal prism

Cylinder

Cone

Cube

Q3

The top, front and side views of a solid are shown. Which solid is it?



top view



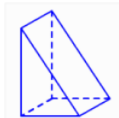
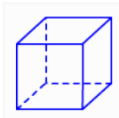
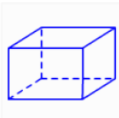
front view



side view

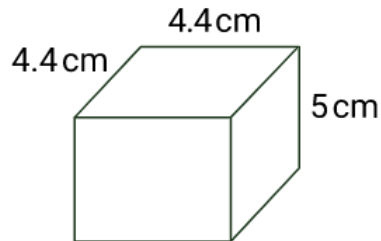


solid



Q4

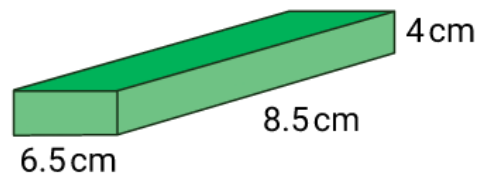
Volume = cm^3 (1d.p.)



Q5

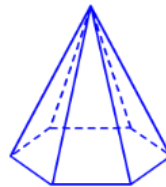
DIAGRAM IS NOT TO SCALE

Find the volume. cm^3



Q6

Name the solid.



Rectangular pyramid

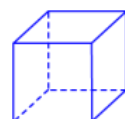
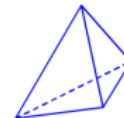
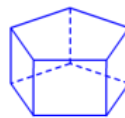
Pentagonal prism

Hexagonal pyramid

Pentagonal pyramid

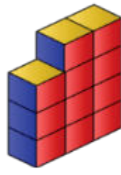
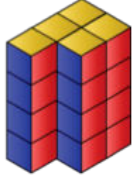
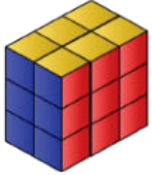
Q7

Choose the triangular pyramid.



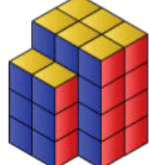
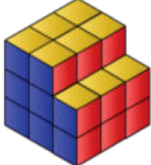
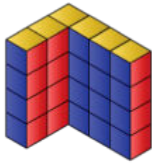
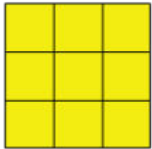
Q8

Which solid has the given front view?



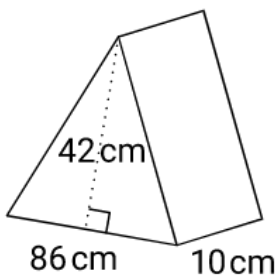
Q9

Which solid has the given top view?



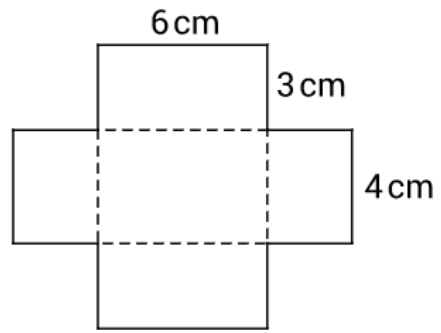
Q10

Volume = cm³



Q11

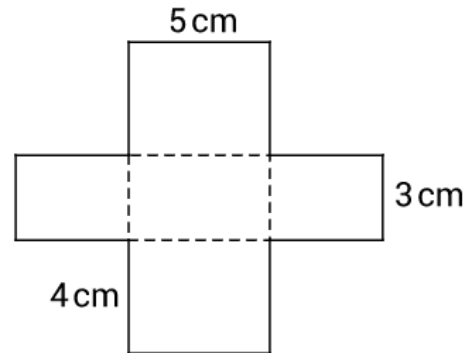
This sheet of cardboard is folded to form a box. Find its volume.



Volume = cm³

Q12

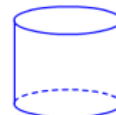
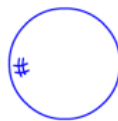
This sheet of cardboard is folded to form a box. Find its volume.



Volume = cm³

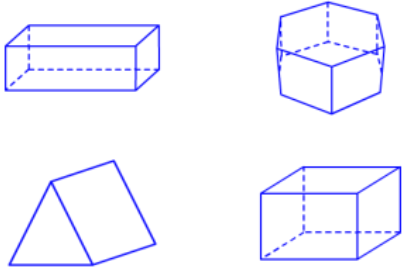
Q13

Choose the cylinder.



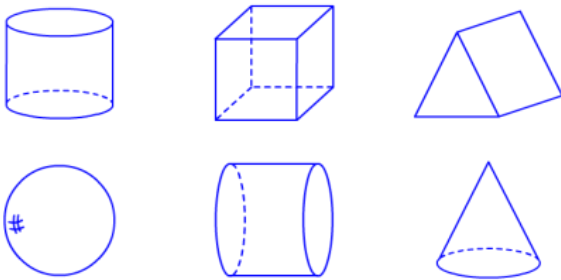
Q14

Choose ALL of the rectangular prisms.



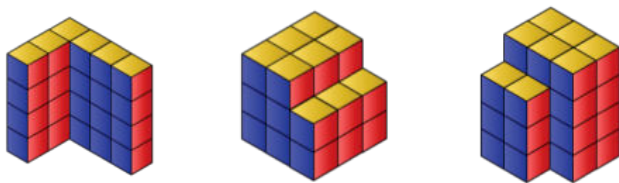
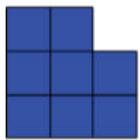
Q15

Choose ALL of the cylinders.



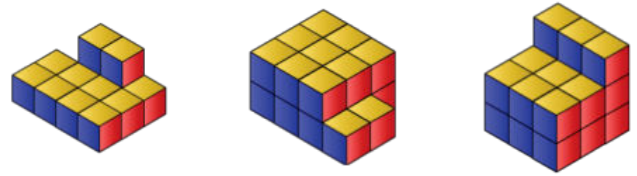
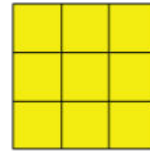
Q16

Which solid has the given front view?



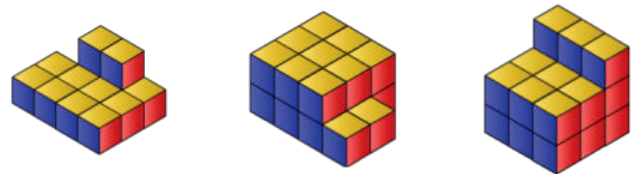
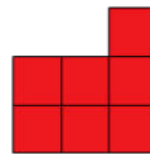
Q17

Which solid has the given top view?



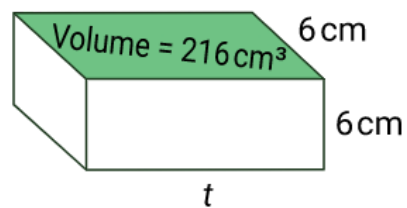
Q18

Which solid has the given side view?



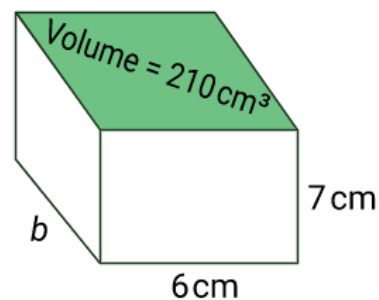
Q19

Find the missing value. $t = \square$ cm



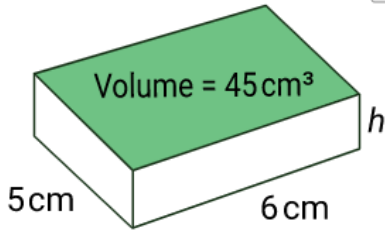
Q20

Find the missing value. $b = \square$ cm



Q21

Find the missing value. $h = \square$ cm



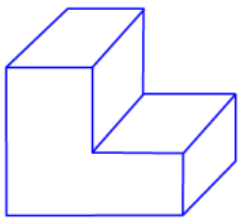
Q22

A rectangular prism has a volume of 9 cm^3 . Two of the edge lengths of the prism are 2 cm and 3 cm. What is the length of the third dimension?

Length = \square cm

Q23

Name the solid.



Cylinder

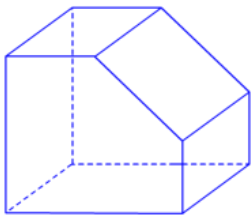
Pentagonal prism

Hexagonal pyramid

Hexagonal prism

Q24

Name the solid.



Pentagonal prism

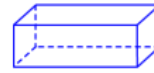
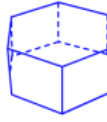
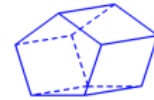
Hexagonal prism

Pentagonal pyramid

Hexagonal pyramid

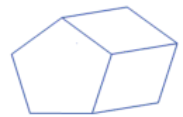
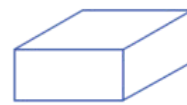
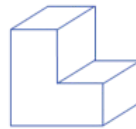
Q25

Choose the pentagonal prism.



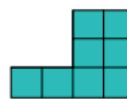
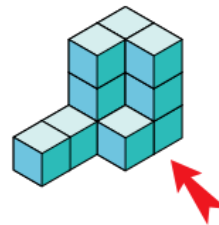
Q26

Choose ALL of the pentagonal prisms.



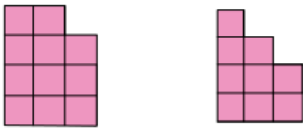
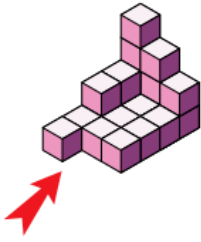
Q27

If you look at this solid from the direction shown, which view will you see?



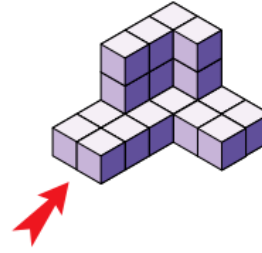
Q28

If you look at this solid from the direction shown, which view will you see?



Q29

If you look at this solid from the direction shown, which view will you see?



Q30

If you look at this solid from the top, which view will you see?

