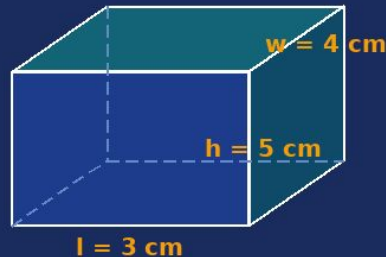


SURFACE AREA & VOLUME

REVIEW GAME

Q1

Find the volume of this rectangular prism.



A

40 cm^3

B

60 cm^3

C

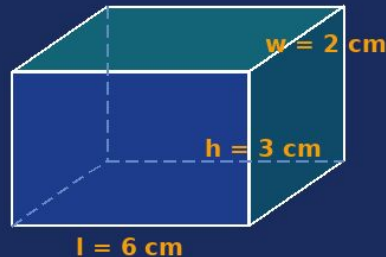
120 cm^3

D

20 cm^3

Q2

Find the surface area of this rectangular prism.



A

72 cm^2

B

60 cm^2

C

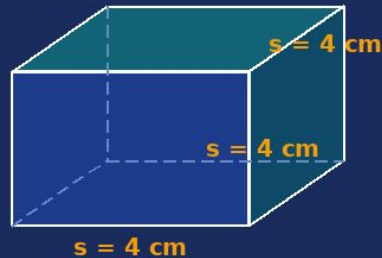
96 cm^2

D

48 cm^2

Q3

Find the volume of this cube.



A

16 cm³

B

32 cm³

C

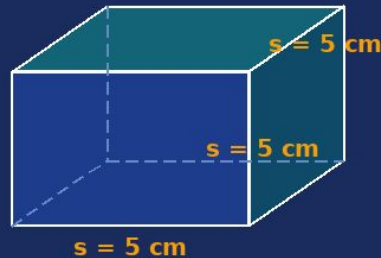
64 cm³

D

48 cm³

Q4

Find the surface area of this cube.



A

125 cm^2

B

100 cm^2

C

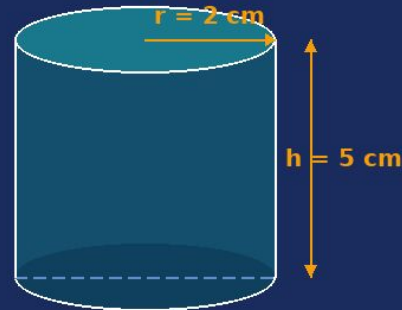
150 cm^2

D

200 cm^2

Q5

Find the volume of this cylinder.
Use $\pi \approx 3.14$



A

31.4 cm^3

B

62.8 cm^3

C

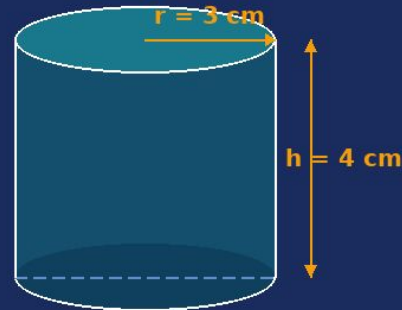
125.6 cm^3

D

50 cm^3

Q6

Find the volume of this cylinder.
Use $\pi \approx 3.14$



A

113.04 cm^3

B

75.36 cm^3

C

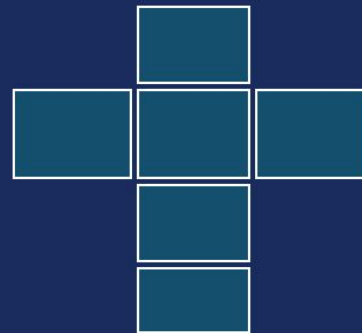
94.2 cm^3

D

50 cm^3

Q7

Which 3D shape has this net?



A

Cylinder

B

Rectangular prism

C

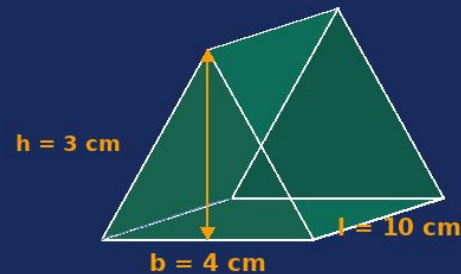
Triangular prism

D

Pyramid

Q8

Find the volume of this triangular prism.



A

60 cm^3

B

120 cm^3

C

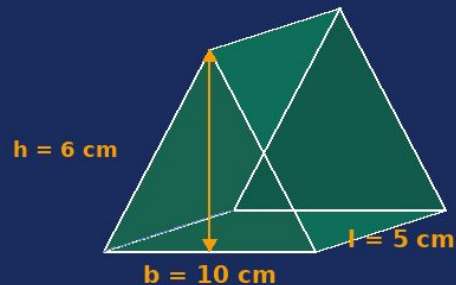
30 cm^3

D

90 cm^3

Q9

Find the volume of this triangular prism.



A

300 cm^3

B

75 cm^3

C

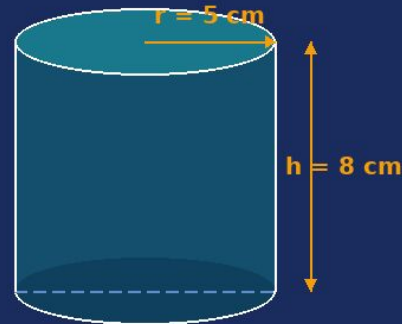
150 cm^3

D

120 cm^3

Q10

Find the volume of this cylinder.
Use $\pi \approx 3.14$



A

502.4 cm^3

B

628 cm^3

C

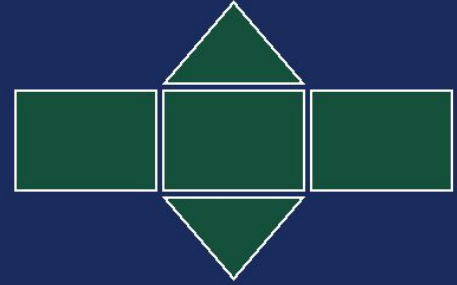
251.2 cm^3

D

314 cm^3

Q11

Which 3D shape has this net?



A

Cylinder

B

Rectangular prism

C

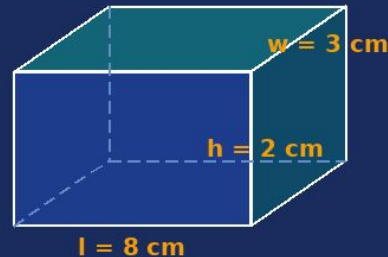
Triangular prism

D

Cone

Q12

Find the surface area of this rectangular prism.



A

92 cm^2

B

96 cm^2

C

88 cm^2

D

100 cm^2

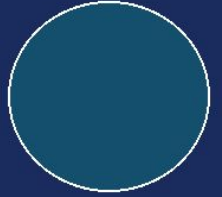
Q13

A shape has these views.
What 3D solid is it?

Front View



Top View



A

Prism

B

Cylinder

C

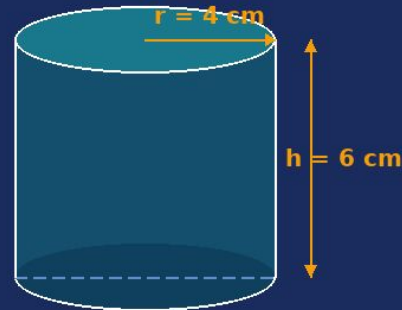
Cube

D

Pyramid

Q14

Find the surface area of this cylinder.
Use $\pi \approx 3.14$



A

251.2 cm^2

B

200 cm^2

C

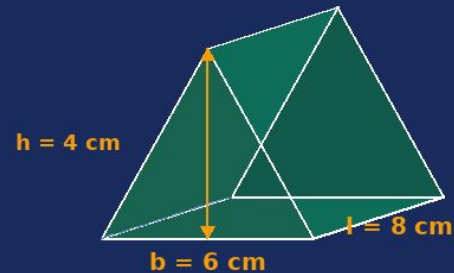
150 cm^2

D

300 cm^2

Q15

Find the volume of this triangular prism.



A

96 cm^3

B

48 cm^3

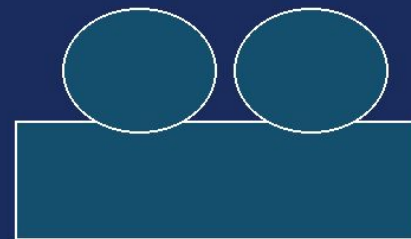
C

192 cm^3

D

64 cm^3

Q16



Which 3D shape has this net?

A

Prism

B

Cylinder

C

Pyramid

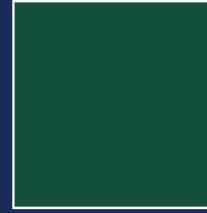
D

Cone

Q17

A shape has these views.
What 3D solid is it?

Top View



Side View



A

Cylinder

B

Cube

C

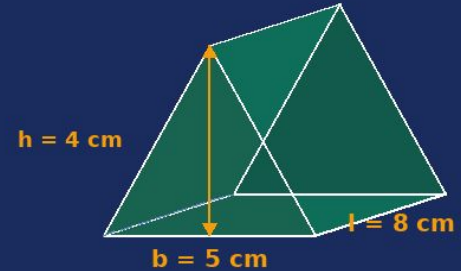
Triangular prism

D

Sphere

Q18

Find the surface area of this triangular prism gift box. Use these measurements.



A

208 cm^2

B

180 cm^2

C

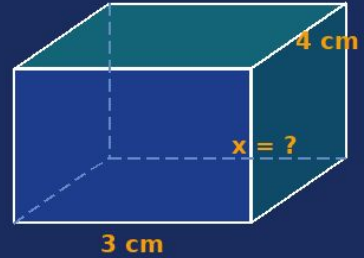
220 cm^2

D

150 cm^2

Q19

This rectangular prism has a surface area of 94 cm^2 . Find the missing side x .



A

5 cm

B

6 cm

C

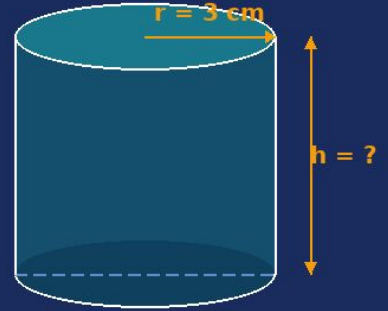
4 cm

D

3 cm

Q20

This cylinder has a radius of 3 cm
and a volume of 84.78 cm^3 .
What is its height?



A 2 cm

B 3 cm

C 4 cm

D 5 cm