MENSURATION

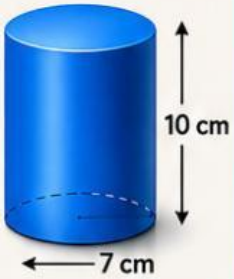
10 MCQs for Class 10

Shape Your Future!

Maths in Real Life!

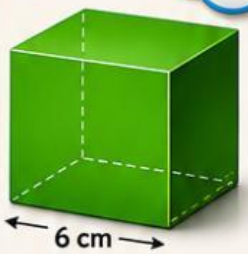
1 The curved surface area of a cylinder of radius 7 cm and height 10 cm is:

A) 220 cm^2
B) 440 cm^2
C) 880 cm^2
D) 1540 cm^2



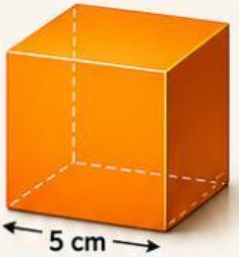
2 The total surface area of a cube of side 6 cm is:

A) 36 cm^2
B) 144 cm^2
C) 216 cm^2
D) 216×6 cm^2



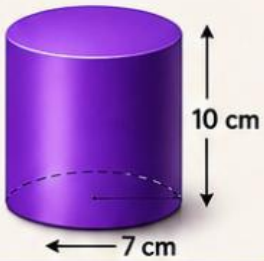
3 The volume of a cube of side 5 cm is:

A) 25 cm^3
B) 75 cm^3
C) 125 cm^2
D) 250 cm^2



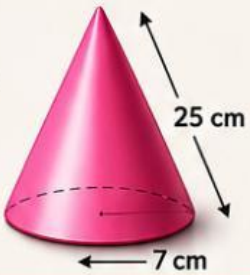
4 The volume of a cylinder of radius 7 cm and height 10 cm is:

A) 1540 cm^3
B) 770 cm^3
C) 3080 cm^3
D) 462 cm^3



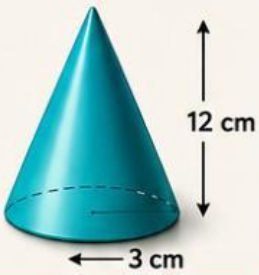
5 The curved surface area of a cone of radius 7 cm and slant height 25 cm is:

A) 550 cm^2
B) 275 cm^2
C) 1100 cm^2
D) 1375 cm^2



6 The volume of a cone of radius 3 cm and height 12 cm is:

A) 36π cm^3
B) 72π cm^3
C) 108π cm^3
D) 144π cm^3



7 The surface area of a sphere of radius 7 cm is:

A) 308 cm^2
B) 616 cm^2
C) 154 cm^2
D) 462 cm^2

8 The volume of a sphere of radius 7 cm is:

A) $\frac{1372}{3}\pi$ cm^3
B) $\frac{686}{3}\pi$ cm^3
C) 1372π cm^3
D) 686π cm^3

9 A hemisphere of radius 7 cm has curved surface area:

A) 154 cm^2
B) 308 cm^2
C) 462 cm^2
D) 616 cm^2

10 The volume of a hemisphere of radius 7 cm is:

A) $\frac{686}{3}\pi$ cm^3
B) $\frac{1372}{3}\pi$ cm^3
C) $\frac{2744}{3}\pi$ cm^3
D) 1372π cm^3

Practice Makes Perfect!

Measure Today, Achieve Tomorrow!

Ramaswamy Kodam

LIVEWORKSHEETS