



# MENSURATION

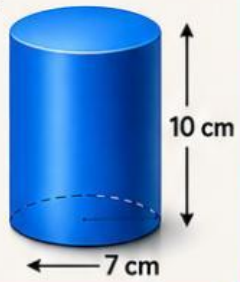
## 10 MCQs for Class 10



Maths in Real Life!


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

A)  $220 \text{ cm}^2$   
 B)  $440 \text{ cm}^2$   
 C)  $880 \text{ cm}^2$   
 D)  $1540 \text{ cm}^2$



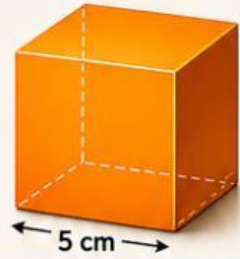
**2** The total surface area of a cube of side 6 cm is:

A)  $36 \text{ cm}^2$   
 B)  $144 \text{ cm}^2$   
 C)  $216 \text{ cm}^2$   
 D)  $216 \times 6 \text{ cm}^2$



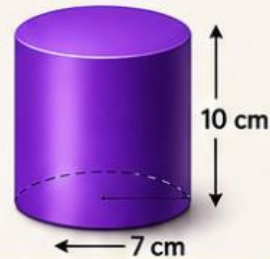
**3** The volume of a cube of side 5 cm is:

A)  $25 \text{ cm}^3$   
 B)  $75 \text{ cm}^3$   
 C)  $125 \text{ cm}^3$   
 D)  $250 \text{ cm}^3$




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

A)  $1540 \text{ cm}^3$   
 B)  $770 \text{ cm}^3$   
 C)  $3080 \text{ cm}^3$   
 D)  $462 \text{ cm}^3$



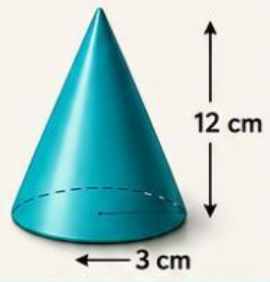
**5** The curved surface area of a cone of radius 7 cm and slant height 25 cm is:

A)  $550 \text{ cm}^2$   
 B)  $275 \text{ cm}^2$   
 C)  $1100 \text{ cm}^2$   
 D)  $1375 \text{ cm}^2$



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

A)  $36\pi \text{ cm}^3$   
 B)  $72\pi \text{ cm}^3$   
 C)  $108\pi \text{ cm}^3$   
 D)  $144\pi \text{ cm}^3$




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

A)  $308 \text{ cm}^2$   
 B)  $616 \text{ cm}^2$   
 C)  $154 \text{ cm}^2$   
 D)  $462 \text{ cm}^2$




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

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




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

A)  $154 \text{ cm}^2$   
 B)  $308 \text{ cm}^2$   
 C)  $462 \text{ cm}^2$   
 D)  $616 \text{ cm}^2$



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

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




Practice Makes Perfect!

Measure Today, Achieve Tomorrow!

