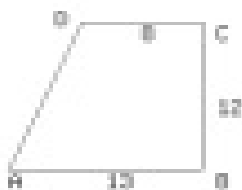


Answer The Following

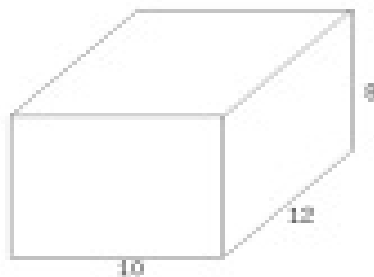
- 1) What is the radius of a circle if the circumference of the circle is 450.76 (assume that the value of π is 3.14)?
- 2) The area of a trapezium is 368 cm^2 and the length of one of the parallel sides is 16 cm and its height is 14 cm. Find the length of the other parallel side.
- 3) If angle $\angle B$ is a right angle, find area of the trapezium ABCD. (All dimensions are in inches)



- 4) The three-fourth part of a cylindrical vessel of radius 2 cm and height 14 cm is filled with water. Find the volume of water in the vessel. (Assume $\pi = 22/7$)
- 5) A cuboid of size 1 cm \times 11 cm \times 2 cm is indented and is shaped as cylinder of height 7 cm. Find the radius of the cylinder. (Assume $\pi = 22/7$)

Choose correct answer(s) from given choice

- 6) Laxmi is painting following box. If she painted all surfaces except bottom side of the box, find the area of surface painted by her.



- a. 486 cm^2
- c. 362 cm^2

(All measurements are in cm).

- b. 352 cm^2
- d. 452 cm^2