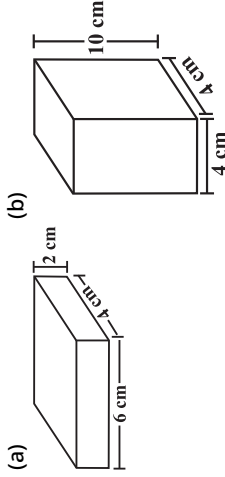


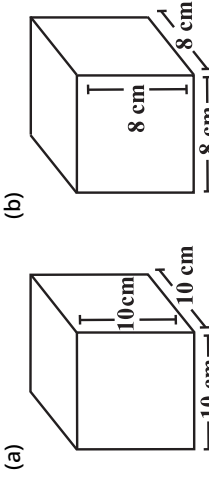
- (e) Length = 8 km and breadth = 2 km 500 m
21. Find the length of the rectangle whose
- (a) area = 275 sq m and breadth = 23 m
 (b) area = 300 sq m and breadth = 15 m
 (c) area = 512 sq cm and breadth = 16 cm
 (d) area = 12750 sq m and length = 150 m
22. Find the breadth of the rectangle whose
- (a) area = 5500 sq m and length = 110 m
 (b) area = 1926 sq cm and length = 107 cm
 (c) area = 12750 sq m and length = 150 m
 (d) area = 512 sq cm and breadth = 16 cm
23. Find the area of the square whose each side is:
- (a) 15 m (b) 18 m (c) 20 cm (d) 3 m 40 cm
 (e) 5 m 50 cm
24. A garden is 800 cm long and 300 cm broad. Find its length and breadth in metres and area in sq m.
25. Find the area of a rectangular flower-bed in sq cm, if its length is 7 m 30 cm and breadth is 4 m 50 cm.
26. Find the area of the floor of a square room in square metres whose each side is 800 cm.
27. How many bricks will be required to lay a path 120 m long and 2.4 m broad if a brick is 24 cm long and 15 cm wide?
28. A field is 140 m long and 36 m broad. Labourers are engaged to plough the field. If a labourer can plough 120 sq m a day, how many labourers are to be engaged to plough the field in a day?
29. Find the cost of tiling a courtyard 30 m long and 15 m broad at the rate of ₹ 5 per sq cm.
30. Find the cost of painting the walls of a room if the room is 4 m 50 cm high and each side of the room is 6 m long. The cost of painting is Rs 10 per sq m.

Volume and Surface Area of Solids

1. Find the total surface area of the cuboid:

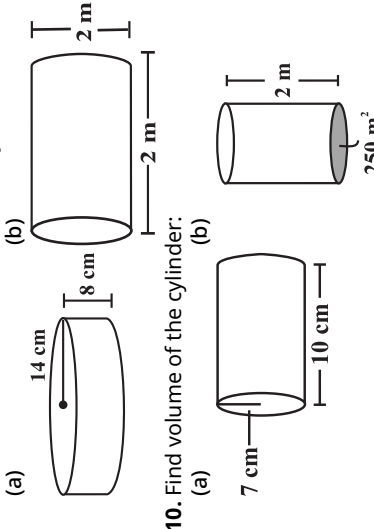


2. Find the total surface area of the cube:



3. Find the volume of the cuboid:

- (a) (b)
4. Find the volumes of the following cuboids and cubes by counting the unit cubes of volume 1 cu cm.
5. Find the volume of the cube whose each edge is:
- (a) 5 cm (b) 4 m (c) 6 cm (d) 7 m
6. Find the volume, lateral surface area and the total surface area of a cube each of whose edges measures:
- (a) 7 m (b) 5.6 cm (c) 8 dm 5 cm
7. Find the volume of the cuboid whose dimensions are:
- (a) length = 5 m, breadth = 4 m, height = 3 m
 (b) length = 12 m, breadth = 5 m, height = 4 m
 (c) length = 48 cm, breadth = 36 cm, height = 24 cm
8. Find the volume, lateral surface area and the total surface area of the cuboid whose dimensions are:
- (a) length = 22 cm, breadth = 12 cm and height = 7.5 cm
 (b) length = 15 m, breadth = 6 m and height = 9 dm
 (c) length = 24 m, breadth = 25 cm and height = 6 m
 (d) length = 48 cm, breadth = 6 dm and height = 1 m
9. Find the total surface area of the cylinder:



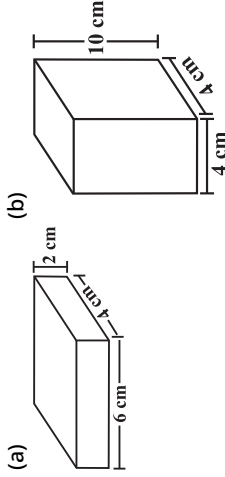
11. Find the volume, curved surface area and total surface area of each of the cylinders whose dimensions are:

- (a) radius of the base = 7 cm and height = 50 cm
 (b) radius of the base = 5.6 m and height = 1.25 m
 (c) radius of the base = 14 dm and height = 15 m
12. Find the volume of a cube whose volume is three times the volume of a cuboid of dimensions 15 cm x 12 cm x 10 cm.
13. Find the volume of a cuboid whose volume is five times the volume of a cube whose each edge is 10 m.

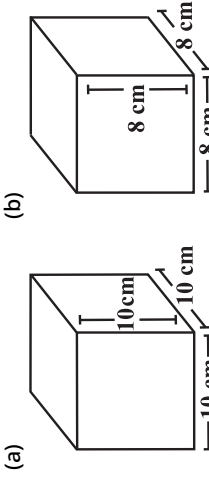
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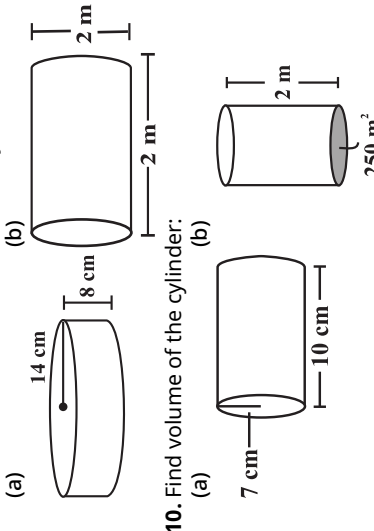


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