

- 6.** If 60% people in a city like cricket, 30% like football and the remaining like other games, then what per cent of the people like other games? If the total number of people is 50 lakh, find the exact number who like each type of game.

**2.** Convert the following ratios to percentages.

(a)  $3 : 4$

(b)  $2 : 3$

**Example 5:** The internal measures of a cuboidal room are  $12\text{ m} \times 8\text{ m} \times 4\text{ m}$ . Find the total cost of whitewashing all four walls of a room, if the cost of white washing is ₹ 5 per  $\text{m}^2$ . What will be the cost of white washing if the ceiling of the room is also whitewashed.

**Example 8:** Find the height of a cuboid whose volume is  $275 \text{ cm}^3$  and base area is  $25 \text{ cm}^2$ .

4. A cuboid is of dimensions  $60\text{ cm} \times 54\text{ cm} \times 30\text{ cm}$ . How many small cubes with side  $6\text{ cm}$  can be placed in the given cuboid?