

- Q1)-** A cuboid with length 5 cm, width 3 cm, and height 4 cm, find its volume ?
- Q2)-** What's the volume of a cube with each side measuring 6 meters ?
- Q3)-** A rectangular prism has a length of 8 cm, width of 4 cm, and height of 2 cm, find its volume ?
- Q4)-** A cube has a volume of 64 cubic cm, what's the length of its sides ?
- Q5)-** A cube has a volume of 343 cubic centimeters, what is the length of its sides ?
- Q6)-** A rectangular prism has a volume of 240 cubic meters, if its length is 12 meters, and width 8 meters find its height ?
- Q7)-** A rectangular prism has a volume of 144 cubic centimeters, with a length of 8 cm and width of 3 cm, find its height.
- Q8)-** A cube has sides that are each 10 inches long. If each edge of the cube is increased by 3 inches, what's the new volume?
- Q9)-** Thomas has a rectangular box with dimensions of 10 cm by 4 cm by 3 cm. He wants to double the length and width while keeping the height the same. What's the new volume ?
- Q10)-** Sarah's rectangular prism has dimensions of 8 cm by 6 cm by 4 cm If she decreases the length and width by half, what's the new volume ?



ANSWERS

- 1) - The volume of the cuboid is 60 cm^3
- 2)- The volume of the cube is 216 m^3
- 3)- The volume of the rectangular prism is 64 cm^3
- 4)- Each side of the cube is 4 cm long.
- 5)- Each side of the cube is 7 cm long.
- 6)- The height of the rectangular prism is 2.5 meters.
- 7)- The height of the rectangular prism is 6 cm.
- 8)- The new volume of the cube is 2197 cubic inches.
- 9)- The new volume of the rectangular box is 480 cm^3 .
- 10)- The new volume of the rectangular prism is 48 cm^3 .

