

Quiz: Comparison of Volumes of Similar Solids

1 If the sides of a cube are multiplied by 18, find the volume of the cube?

2 In a cone, if the radius and the height are 16 times more, what will happen to the volume?

3 If the sides of a cube are multiplied by 30, find the volume of the cube?

4 In a cone, if the radius and the height are 2 times more, what will happen to the volume?

5 If the sides of a cube are multiplied by 6, find the volume of the cube?

6 In a cone, if the radius and the height are 5 times more, what will happen to the volume?

7 If the sides of a cube are multiplied by 4, find the volume of the cube?

8 In a cone, if the radius and the height are 3 times more, what will happen to the volume?

9 If the sides of a cube are multiplied by 14, find the volume of the cube?

10 In a cone, if the radius and the height are 16 times more, what will happen to the volume?

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%