

Density as a Way of Life

1. Mass = 28 Volume = 12
Find Density

$$D = \frac{M}{V}$$

$$D = \frac{28}{12} =$$

2. D= 5.6 and V= 6
Find its mass.

$$5.6 = \frac{V}{6} =$$

3. D= 4.5 and M = 27
Find V

$$4.5 = \frac{27}{V} =$$

4. D = 1.2 and V = 8 ml
Find M

$$1.2 = \frac{M}{8} =$$

5. The density of a rod is 9.5 g/cm³ and its volume is 4 cm³. Find its mass.

$$9.5 = \frac{M}{4} =$$

6. The mass of a bowling ball is 4000g and its volume is 800 cm³.

Find its density

$$D = \frac{M}{V} \qquad D = \frac{4000}{800} =$$



7. Density = 5.5g Volume = 40ml

Find Mass

$$5.5 = \frac{M}{40} =$$

8. D= 22 M= 55

Find V

$$22 = \frac{55}{V} = \qquad 22V = 55$$

9. D= 1.3 V = 20,000

Find M



$$1.3 = \frac{M}{20000} =$$

10 Density of a grapefruit is 1.12 g/cm³ and its mass is 500g

Find its volume

$$1.12 = \frac{500}{V} = \qquad 1.12V = 500$$