

1) If a brick has a mass of 470 grams and a density of 10.8 g/mL, what is the volume of the brick?

2) A certain substance has a mass of 15 grams and a volume of 15 mL. What is the density?
And what is the substance?

3) A certain substance has a mass of 78.7 grams and a volume of 20 mL. What is the density?

4) A certain substance has a mass of 38 grams and a volume of 30,000 mL. What is the density?

5) An object has a volume of 2,000 mL and a density of 8.3 g/mL. What is the mass?

6) A certain substance has a mass of 7.8 grams and a volume of 14.2 mL. What is the density?

7) What is the mass of an object that has a density of 11.4 g/cm³ and a volume of 30 cm³?

8) Calculate the volume of a brick that is 22.4 cm long, 11.8 cm wide and 9 cm high.

9) If an object is placed in a graduated cylinder and the water level rises from 20 mL to 35 mL and the object has a mass of 70 grams, what is the density of the object?