DENSITY PRACTICE PROBLEMS

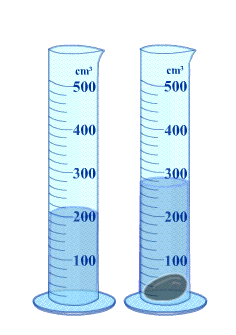
(Show your work and don’t forget to include a unit.)

1. A certain liquid has a volume of 12 mL and a mass of 36 grams.

What is the liquid's density?

ANSWER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The rock displaces the water from 200 cm ³ to 300 cm ³



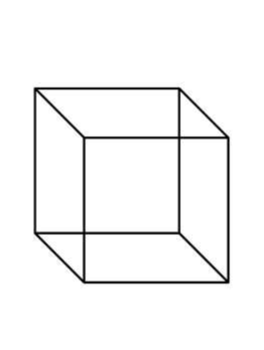
The mass of the rock is 300 g.

What is the density of the rock?

ANSWER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A cube has one side that measures 2 cm. The cube has a mass of 80 grams.

What is the cube's density?



ANSWER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_