

Problem Set Two: Episode 203

Find the density of a block with a length of 4.0 centimeters, a width of 3.0 centimeters, a height of 2.0 centimeters, and a mass of 36 grams.

Find the density of an 8.0 g rock if the water in a graduated cylinder rises from 20.0 mL to 23.5 mL when the rock is placed into the graduated cylinder.

You have a piece of silver with a mass of 31.5 g. Silver has a density of 10.5 g/cm^3 . What would be the new level of water if this piece of silver is placed into 15 mL of water?