

The average mass of a metal sample was 10.089g and the average volume, 1.28 mL. What is the density of the metal in g/mL?

Solution:

We use formula $Density = \frac{Mass}{Volume}$

The density of the metal is $10.089g/1.28mL = 7,882g/mL$

Answer: The density of the metal in g/mL is 7,882