

A graduated cylinder is filled with water to the 20ml mark. An irregular shaped object is dropped in and the water level rises to 70ml. What is the volume of the object ?

Solution

$$V_{\text{object}} = \Delta V = 70 \text{ ml} - 20 \text{ ml} = 50 \text{ ml}$$

Answer: $V_{\text{object}} = 50 \text{ ml}$

Answer provided by www.AssignmentExpert.com