Alg 2 PSAT/SAT practice Mon, March 30, 2020

You are permitted to use a calculator on this problem.

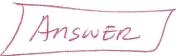
12. The density of the metal platinum is approximately 21.46 grams per cubic centimeter (g/cm^3) . What is the approximate mass, in grams, of a bar of platinum with a volume of 100.00 cm³?

$$\left(\text{density} = \frac{\text{mass}}{\text{volume}}\right)$$

- A) 21,460.00
- B) 2,146.00
- C) 214.60
- D) 21.46

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