



## Exit Ticket 03 - Density and Pressure

Name: .....

Date: .....

**AQA**  
Assessment and Quality Assurance

Which measure is  $\text{g/cm}^2$  a unit for?

A	B	C	D
density	mass	pressure	weight

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Correct Answer: A B C D

Explanation:

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**M**  
**D** **V**

A piece of metal has a mass of  $4\text{kg}$  and a volume of  $800\text{cm}^3$ .  
What is its density in  $\text{g/cm}^3$ ?

**A**  $4000 \div 800$     **B**  $800 \div 4$

**C**  $4 \times 800$     **D**  $4 \div 800$

Correct Answer: A B C D

Explanation:

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**M**  
**D** **V**

A piece of space rock has a volume of  $32\text{cm}^3$  and a density of  $400\text{g/cm}^3$ .  
What is its mass in  $\text{kg}$ ?

**A**  $32 \times 400 \times 100$     **B**  $32 \times 400 \div 1000$

**C**  $32 \times 400$     **D**  $32 \times 400 \times 1000$

Correct Answer: A B C D

Explanation:

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