

### Problem solving ticket

CRAVEN MATHS

A solid has a mass of 4000kg and a volume of  $50\text{cm}^3$ .

Calculate the density of the solid.

Give your answer in standard form and include the units of your answer.

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## Impactful Feedback Problem Pair

### I do

A solid has a mass of 4000kg and a volume of  $50\text{m}^3$ .

Calculate the density of the solid.

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### You do

Calculate the density of the solids.

Give your answer in standard form and include the units of your answer for each question.

a) A solid has a mass of 4000g and a volume of  $0.5\text{m}^3$ .

b) A solid has a mass of 40000g and a volume of  $0.05\text{m}^3$ .

c) A solid has a mass of 40g and a volume of  $5000\text{cm}^3$ .