

1. A metal block has a volume of  $250 \text{ cm}^3$ , and a density of  $7.85 \text{ g/cm}^3$ . What is its mass in kg?

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2. A cross country runner runs 7.25 km in a training run. How many mm did he run?

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3. Convert 5 degrees Celsius to K.

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4. If a pencil is on the table, with 500,000 Pa of pressure and an area of  $0.2 \text{ m}^2$ , calculate the force (N). **[FACT:  $1 \text{ Pa} = 1 \text{ N/ m}^2$ ]**

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5. If my computer has 1.2 kW, with a voltage of 240 V, what is my current (A)?  
**[FACT:  $1 \text{ A} = 1,000 \text{ kW/V}$ ]**

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