

Converting Units *ramp up*

ANSWERS

a Convert 7 cm to mm <u>70 mm</u> cm and mm: a factor of 10	b Convert 2.4 m to cm <u>240 cm</u> m and cm, with a decimal	c Convert 3500 g to kg <u>3.5 kg</u> to a bigger unit: divide	d Convert 0.4 litres to ml <u>400 ml</u> litres and millilitres
e Convert 1.2 km to cm <u>120 000 cm</u> two steps: km to m to cm	f Work out $450\text{ cm} + 2\text{ m}$. Give your answer in metres <u>6.5 m</u> the same units before adding	g Convert 1 m^2 to cm^2 <u>10 000 cm^2</u> area units: the factor is squared	h Convert $60\,000\text{ cm}^2$ to m^2 <u>6 m^2</u> area units to a bigger unit
i Convert 3 cm^3 to mm^3 <u>3000 mm^3</u> volume units: the factor is cubed	j Convert 2500 cm^3 to litres <u>2.5 litres</u> cm^3 and litres	k Convert 4 m/s to metres per minute <u>240 m per minute</u> the time part of a compound unit	l Convert 15 m/s to km/h <u>54 km/h</u> both parts of a compound unit

The Maths Habit

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