

# A Star Maths and Physics

## KS2 – Metric Conversions

Fill in the gaps using conversion factors:

$10 \text{ mm} = 1 \text{ cm}$	$1000 \text{ mg} = 1 \text{ g}$
$100 \text{ cm} = 1 \text{ m}$	$1000 \text{ g} = 1 \text{ kg}$
$1000 \text{ m} = 1 \text{ km}$	$1000 \text{ ml} = 1 \text{ l}$

$$30 \text{ cm} = 0.3 \text{ m}$$

$$9.5 \text{ l} = 9500 \text{ ml}$$

$$40 \text{ mm} = 4 \text{ cm}$$

$$180 \text{ g} = 0.18 \text{ kg}$$

$$600 \text{ m} = 0.6 \text{ km}$$

$$540 \text{ mg} = 0.54 \text{ g}$$

$$20 \text{ mm} = 0.02 \text{ m}$$

$$6500 \text{ ml} = 6.5 \text{ l}$$

$$9000 \text{ mg} = \dots\dots\dots \text{ kg}$$

$$300 \text{ g} = 0.3 \text{ kg}$$

$$110000 \text{ g} = 110 \text{ kg}$$

$$890 \text{ mm} = 8.9 \text{ cm}$$

$$10 \text{ m} = 1000 \text{ cm}$$

$$6600 \text{ m} = 6.6 \text{ km}$$

$$15 \text{ kg} = 15000 \text{ g}$$

$$250 \text{ g} = 0.25 \text{ kg}$$

$$45 \text{ ml} = 0.045 \text{ l}$$

$$980 \text{ ml} = 0.98 \text{ l}$$

$$90 \text{ l} = 90000 \text{ ml}$$

$$420 \text{ mg} = 0.42 \text{ g}$$

$$150 \text{ g} = 0.15 \text{ kg}$$

$$100 \text{ g} = 100000 \text{ mg}$$

$$70 \text{ mg} = 0.07 \text{ g}$$

$$750 \text{ ml} = 0.75 \text{ l}$$

$$55 \text{ mm} = 5.5 \text{ cm}$$

$$230 \text{ kg} = 230000 \text{ g}$$

$$35 \text{ cm} = 0.35 \text{ m}$$

$$400 \text{ cm} = 4 \text{ m}$$

$$8000 \text{ ml} = 8 \text{ l}$$

$$120 \text{ ml} = 0.12 \text{ l}$$

$$400 \text{ mg} = 0.4 \text{ g}$$

$$770 \text{ g} = 0.77 \text{ kg}$$

$$12000 \text{ g} = 12 \text{ kg}$$

$$530 \text{ mm} = 0.53 \text{ m}$$

$$16000 \text{ mm} = 16 \text{ m}$$

$$65 \text{ mm} = 6.5 \text{ cm}$$

$$80 \text{ g} = 0.08 \text{ kg}$$

$$1.9 \text{ m} = 190 \text{ cm}$$

$$900 \text{ mm} = 0.9 \text{ m}$$

$$9990 \text{ g} = 9.99 \text{ kg}$$

$$15 \text{ m} = 15000 \text{ mm}$$

$$4.7 \text{ cm} = 47 \text{ mm}$$

$$5.5 \text{ cm} = 55 \text{ mm}$$

$$610 \text{ g} = 0.61 \text{ kg}$$

$$4 \text{ kg} = 4000000 \text{ mg}$$

$$160 \text{ ml} = 0.16 \text{ l}$$