

METRIC AND IMPERIAL MEASURES. WORKSHEET

1. Choose one of these metric units to measure each of these items.

millimetre	gram	millilitre	centimetre
kilogram	centilitre	metre	tonne
litre	kilometre		



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| a) your height | b) amount of tea in a mug |
| c) your weight | d) length of a suitcase |
| e) weight of a suitcase | f) distance from Paris to Madrid |
| g) quantity of drink in a can | h) amount of petrol in a car |
| i) weight of an elephant | j) weight of an apple |

Write the appropriate abbreviation next to your answer.

2. Convert these measurements to the units shown.

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|----------------------|------------------------|
| a) 20 mm = _____ cm | b) 400 cm = _____ m |
| c) 450 cm = _____ m | d) 4000 m = _____ km |
| e) 0.5 cm = _____ mm | f) 4.5 kg = _____ g |
| g) 6000 g = _____ kg | h) 6500 g = _____ kg |
| i) 2500 kg = _____ t | j) 3 litres = _____ ml |

3. Convert these distances to miles.

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|---|---|---|---|---|---|---|--|
| a | <div style="border: 1px solid black; padding: 5px; display: inline-block;">Berlin
16 km</div> | b | <div style="border: 1px solid black; padding: 5px; display: inline-block;">Dusseldorf
40 km</div> | c | <div style="border: 1px solid black; padding: 5px; display: inline-block;">Bonn
88 km</div> | d | <div style="border: 1px solid black; padding: 5px; display: inline-block;">Dresden
84 km</div> |
|---|---|---|---|---|---|---|--|

4. Convert these measurements to centimetres.

- a) 1 inch b) 5 inches c) 6 inches d) 12 inches e) 36 inches

5. Use $1 \text{ kg} \approx 2.2 \text{ lb}$ to convert these weights to pounds.

- a) 2 kg b) 40 kg c) 50 kg d) 0.5 kg e) 2.5 kg

6. Use $1 \text{ oz} \approx 30 \text{ g}$ to convert ounces to grams in these recipes.

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| <p>a</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Lemon Curd</p> <p>6 oz butter</p> <p>12 oz caster sugar</p> <p>6 lemons</p> <p>6 eggs</p> </div> | <p>b</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Cumberland Pudding</p> <p>8 oz rice</p> <p>4 oz raisins</p> <p>3 oz sugar</p> <p>4 oz currants</p> <p>1 egg</p> <p>beef marrow</p> </div> | <p>c</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Chocolate Crunchies</p> <p>6 oz self-raising flour</p> <p>2 oz cornflour</p> <p>2 oz cornflakes</p> <p>1 oz drinking chocolate</p> <p>6 oz margarine</p> <p>3 oz sugar</p> </div> |
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7. The speed limit on a motorway in the UK is 70 miles per hour. Calculate the speed limit in kilometres per hour.

