

Grams and Kilograms

LO: To convert one unit of weight in to another.



Remember...

_____g is equal to (or the same as) 1kg.

Grams in to kilograms = _____

Kilograms in to grams = _____

Convert these lengths in to the unit of measure given...look carefully!

a) $2000\text{g} = \text{_____kg}$

h) $1.5\text{kg} = \text{_____g}$

b) $5000\text{g} = \text{_____kg}$

i) $3.5\text{kg} = \text{_____g}$

c) $9000\text{g} = \text{_____kg}$

j) $1.25\text{kg} = \text{_____g}$

d) $5040\text{g} = \text{_____kg}$

k) $0.9\text{kg} = \text{_____g}$

e) $250\text{g} = \text{_____kg}$

l) $8.64\text{kg} = \text{_____g}$

f) $675\text{g} = \text{_____kg}$

m) $0.025\text{kg} = \text{_____g}$

g) $480\text{g} = \text{_____kg}$

n) $0.63\text{kg} = \text{_____g}$

Have a go at these word problems...

- 1) A baker has a big order of cakes he needs to bake. He needs 5 oranges for his recipe. Each orange weighs 150g. What is the total weight of the oranges?
 - a) In grams?
 - b) In kilograms?

- 2) A gardener has 10 plants to pot. Each plant pot needs 50g of soil. How much soil does the gardener need altogether?
 - a) In grams?
 - b) In kilograms?

- 3) A builder has to fix 3 walls that have fallen down. He needs 2kg of cement for each wall. How much cement will he need altogether?
 - a) In kilograms?
 - b) In grams?