

Tuesday - Converting mass - g / kg



Watch the following link for a detailed explanation of the method you need to use - <https://www.youtube.com/watch?v=lQU7ejpvFdw>

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) 2000g = _____kg | h) 1.5kg = _____g |
| b) 5000g = _____kg | i) 3.5kg = _____g |
| c) 9000g = _____kg | j) 1.25kg = _____g |
| d) 5040g = _____kg | k) 0.9kg = _____g |
| e) 250g = _____kg | l) 8.64kg = _____g |
| f) 675g = _____kg | m) 0.025kg = _____g |
| g) 480g = _____kg | n) 0.63kg = _____g |

Extension

- 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?



Tuesday - Converting mass - g / kg - Answers

Watch the following link for a detailed explanation of the method you need to use - <https://www.youtube.com/watch?v=IQU7eipvFdw>

Remember...

_____ **1000** _____g is equal to (or the same as) 1kg.

Grams in to kilograms = **divide by 1000 - 3dp to the right**

Kilograms in to grams = **multiply by 1000 3 dp to the left**

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

h) 2000g = _____ **2** _____kg

h) 1.5kg = _____ **1500** _____g

i) 5000g = _____ **5** _____kg

o) 3.5kg = _____ **3500** _____g

j) 9000g = _____ **9** _____kg

p) 1.25kg = _____ **1250** _____g

k) 5040g = _____ **5.04** _____kg

q) 0.9kg = _____ **900** _____g

l) 250g = _____ **0.25** _____kg

r) 8.64kg = _____ **8640** _____g

m) 675g = _____ **0.675** _____kg

s) 0.025kg = _____ **25** _____g

n) 480g = _____ **0.48** _____kg

t) 0.63kg = _____ **630** _____g

Extension

- 4) 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?
- c) In grams? **750g**
- d) In kilograms? **0.75kg**
- 5) A gardener has **10** plants to pot. Each plant pot needs **50g** of soil. How much soil does the gardener need altogether?
- c) In grams? **500g**
- d) In kilograms? **0.5kg**
- 6) 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?
- c) In kilograms? **6kg**
- d) In grams? **6000g**