L.O: To convert unit of measurement

Recap – x1000

“Move the digit left 3 places, leave eggy zeroes in the spaces”

10 000	1000	100	10	1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
				•			

Multiplying

X 10	digits move LEFT **1** space
X 100	digits move LEFT **2** spaces
X 1000	digits move LEFT **3** spaces

←

Dividing

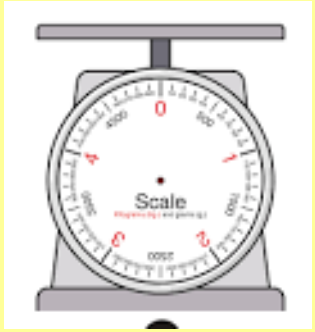
÷ 10	digits move RIGHT **1** space
÷ 100	digits move RIGHT **2** spaces
÷ 1000	digits move RIGHT **3** spaces

→

L.O: To convert units of measurements

1000g = 1kg

1000 grams = 1**kilo**grams



1000 m = 1 km

1000 metres = 1 **kilo**metre

kilo = thousand

L.O: To convert units of measurements

1kg = 1000g

3kg = ?

0.5kg = ?

3.5kg = ?

1/10kg = ?

L.O: To convert units of measurements

1kg = 1000g

3kg = 3000g

0.5kg = 500g

3.5kg = 3500g

1/10kg = 100g

How do you convert between g and kg, m and kg?

kg to g = MULTIPLY by 1000 (x1000)
Km to m = x 1000

g to kg = DIVIDE by 1000
m to km = ÷ 1000

L.O: To convert units of measurements

Complete the missing information.

$\frac{1}{10}$ kilogram = ☐ grams

$\frac{3}{10}$ km = ☐ metres

7 kg + $\frac{1}{4}$ kg = ☐ g

12 km + ☐ km = 12,500 m

Compare the measurements using <, > or =

5 kg ◯ 4,500 g

12 kg ◯ 12,000 g

3.7 km ◯ 370 m

37,000 m ◯ 3.7 km

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