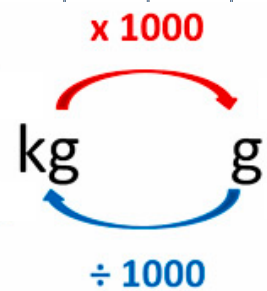




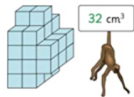
ten past nine



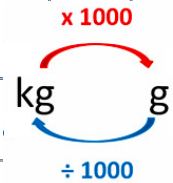
Week 4 — Day 4

- | | |
|----------|----------|
| 1. 25 g | 5. 250 g |
| 2. 35 g | 6. 50 g |
| 3. 45 g | 7. 350 g |
| 4. 200 g | 8. 450 g |

To convert mass units of measure



Monkey book challenge



1. $360\text{g} = 0.36\text{kg}$

$0.74\text{kg} = 740\text{g}$

$3078\text{g} = 3.078\text{kg}$

2. Douglas weighed some sand that was 2 kilograms in mass. How many grams is this?

2000g

3. Use <, = or > to complete the following sentences:

8400g 8.4kg

1100g 1kg

725g 7.25kg

6.6kg 660g

3.7kg 379g

2890g 2.89kg

4. This table shows the weight of some fruits and vegetables.

Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples	1200	1.2
grapes	250	0.25
ginger	30	0.03



5. A parcel weighs 439 grams. How much would 27 parcels weigh? Give your answer in kilograms.

11.853 kg

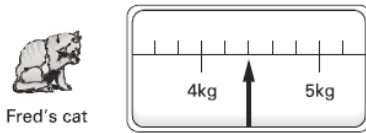


$$\begin{array}{r}
 439 \\
 \times 27 \\
 \hline
 32073 \\
 8780 \\
 \hline
 11853
 \end{array}$$

To convert mass units of measure

Extension

1. This scale shows the weight of Fred's cat.



What is the weight of Fred's cat?

4.4 kg

2. A tin contains 425g baked beans in sauce. The tin itself weighs 60g.

How much will a pack of 6 tins weigh in kilograms?



2.91 kg

$$425 + 60 = 485$$

$$485 \times 6 = 2910$$

$$2910 \div 1000 = 2.91$$

3. Bags of penny sweets cost £1 per 120g. How much will it cost Sam if he buys 0.660kg of sweets?



£5.50

$$0.660 \text{ kg} = 660 \text{ g}$$

$$660 \div 120 = 5.5$$

$$\begin{array}{r} 120 \\ 240 \\ 360 \\ 480 \\ 600 \\ 660 + 60 \text{ (half of 120)} \end{array}$$

4. To bake buns for a party, Keeley used these ingredients:

- 600 g caster sugar 0.6
- 0.6 kg butter
- 18 eggs (792 g) 0.792
- $\frac{3}{4}$ kg self-raising flour 0.75
- 10 g baking powder 0.01



What is the weight of the unbaked products? Give your answer in kilograms.

2.752 kg