

METRIC UNITS OF WEIGHT 1

TARGET To convert between grams and kilograms.

Examples

$$1000 \text{ g} = 1 \text{ kg}$$

$$4000 \text{ g} = 4 \text{ kg}$$

$$500 \text{ g} = 0.5 \text{ kg}$$

$$7500 \text{ g} = 7.5 \text{ kg}$$

$$2400 \text{ g} = 2.4 \text{ kg}$$

$$8700 \text{ g} = 8.7 \text{ kg}$$

A

Copy and complete.

1 $5000 \text{ g} = \square \text{ kg}$

2 $2000 \text{ g} = \square \text{ kg}$

3 $7000 \text{ g} = \square \text{ kg}$

4 $3 \text{ kg} = \square \text{ g}$

5 $6 \text{ kg} = \square \text{ g}$

6 $1 \text{ kg} = \square \text{ g}$

7 $4500 \text{ g} = \square \text{ kg}$

8 $1500 \text{ g} = \square \text{ kg}$

9 $8500 \text{ g} = \square \text{ kg}$

10 $2.5 \text{ kg} = \square \text{ g}$

11 $9.5 \text{ kg} = \square \text{ g}$

12 $3.5 \text{ kg} = \square \text{ g}$

Which metric unit would you use to measure the weight of:

13 a phone

14 a cat

15 a cushion

16 a baby.



B

Copy and complete.

1 $4200 \text{ g} = \square \text{ kg}$

2 $1900 \text{ g} = \square \text{ kg}$

3 $7300 \text{ g} = \square \text{ kg}$

4 $3.1 \text{ kg} = \square \text{ g}$

5 $0.4 \text{ kg} = \square \text{ g}$

6 $6.8 \text{ kg} = \square \text{ g}$

7 $2600 \text{ g} = \square \text{ kg}$

8 $700 \text{ g} = \square \text{ kg}$

9 $9200 \text{ g} = \square \text{ kg}$

10 $5.3 \text{ kg} = \square \text{ g}$

11 $8.1 \text{ kg} = \square \text{ g}$

12 $4.6 \text{ kg} = \square \text{ g}$

Think of three things with a weight of about:

13 1500 grams

14 0.7 kilograms

15 250 grams.

16 Estimate the weight of a reading book.

Write your estimate:

a) in grams

b) in kilograms.

Measure the actual weight of your book.

C

Copy and complete.

1 $2940 \text{ g} = \square \text{ kg}$

2 $8820 \text{ g} = \square \text{ kg}$

3 $670 \text{ g} = \square \text{ kg}$

4 $1.05 \text{ kg} = \square \text{ g}$

5 $4.78 \text{ kg} = \square \text{ g}$

6 $9.13 \text{ kg} = \square \text{ g}$

7 $6290 \text{ g} = \square \text{ kg}$

8 $3960 \text{ g} = \square \text{ kg}$

9 $5610 \text{ g} = \square \text{ kg}$

10 $2.45 \text{ kg} = \square \text{ g}$

11 $0.86 \text{ kg} = \square \text{ g}$

12 $7.18 \text{ kg} = \square \text{ g}$

Copy and complete each sentence by choosing the best estimate.

13 A bar of soap weighs (1 kg, 0.01 kg, 100 g).

14 Each sandwich

was made using (0.02 kg, 2 g, 0.2 kg) of cheese.

15 A brick weighs (8 g,

0.08 kg, 0.8 kg).