Kilograms and kilometres

The bar model shows that 1 kg is equal to 1,000 g. Use the bar models to complete the conversions.

a)
$$1 \text{ kg}$$
 1 kg 1 kg 3

b)
$$1 \text{ kg}$$
 1 kg
 $1,000 \text{ g}$
 $5 \text{ kg} = 5,000$



2

1

Fill in the missing values to convert between kilograms and grams.



White Rose Maths

1 kg

1,000 g

3,000)

g

g

kg =

3

4



Tommy and Dora are converting 4 km into metres. Here are their workings.

	Tommy			
	1 km	1 km	1 km	
	1,000m	1,000m	1,000	
· · · · ·				



Explain your answer.







Is Dora likely to be able to keep up this speed?

c) 5,000 g + 2 kg (=) 5.5 kg + 1,500 g d) $\frac{7}{10}$ km + $\frac{3}{10}$ km + 965 m (>) 817 m + 1 km



