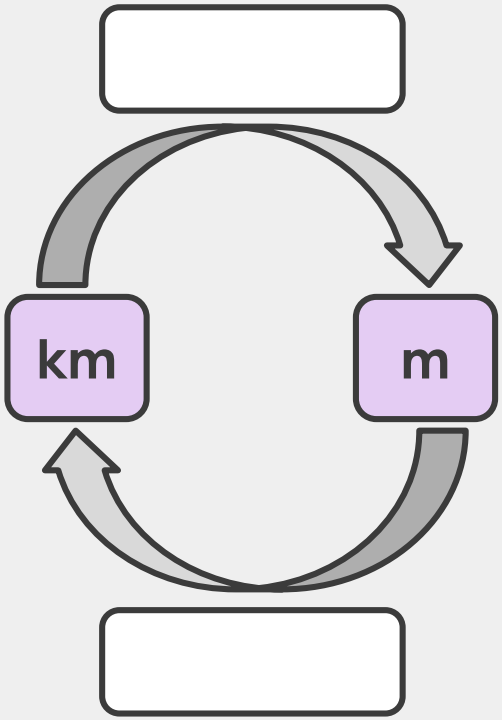
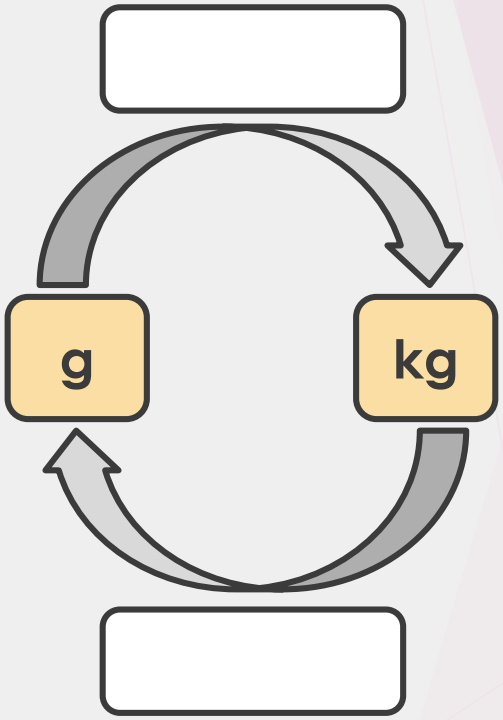
Session 1: Kilograms and Kilometres

Introduction

Complete the boxes to show what you must do to convert these units of measure.





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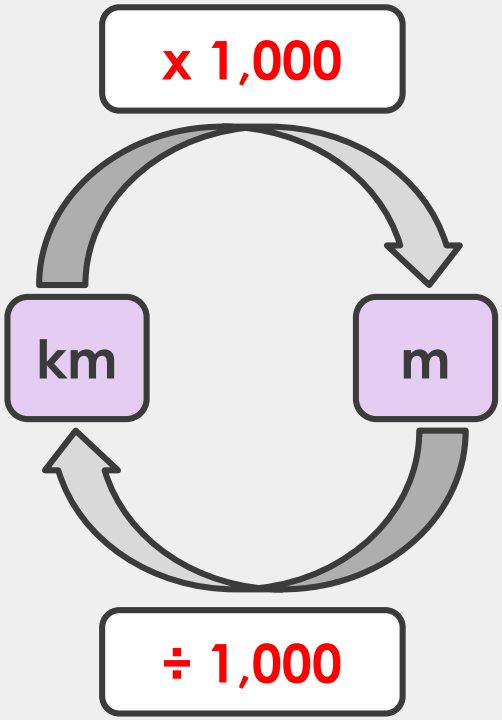

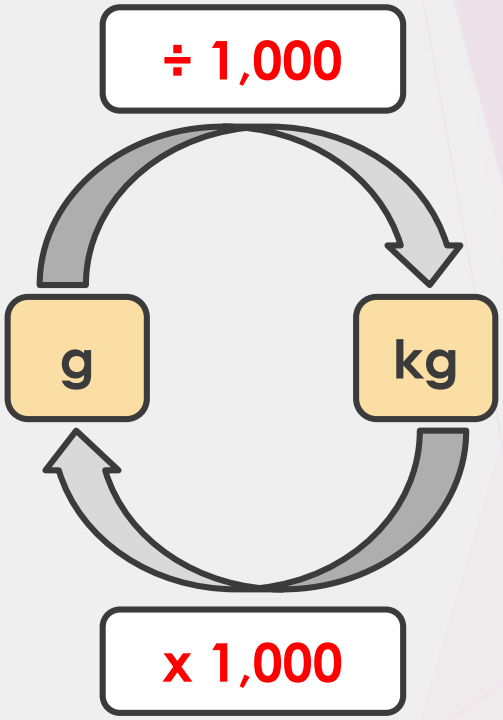

Varied Fluency 1

Check each of the conversions and correct any that are wrong.

6,500m = 6.5km

9,600m = 9.6km

7.1km = 7,100m

4.7kg = 4,070g

50,500g = 50.5kg

1,500g = 15.0kg

Varied Fluency 1

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6,500m = 6.5km

9,600m = 9.6km

7.1km = 7,100m

4.7kg = 4,070g

4.7kg = 4,700g or

4.07g = 4,070g

50,500g = 50.5kg

1,500g = 15.0kg

1,500g = 1.5kg or

15,000g = 15.0kg

Varied Fluency 2

Complete the table:

	True or false?
4kg > 3,500g	
21kg > 210g	
7.3km = 7,300m	
2,900m > 2.9km	

Varied Fluency 2

Complete the table:

	True or false?
4kg > 3,500g	True
21kg > 210g	True
7.3km = 7,300m	True
2,900m > 2.9km	False

Varied Fluency 3

Select a number from the box to make these statements correct.

5kg < _____ **_____ > 16kg**

7.1km > _____ **3,900m = _____**

3.9	**17,000**	**5,300**	**4,800**

Include the correct unit of measurement.

Varied Fluency 3

Select a number from the box to make these statements correct.

5kg < 5,300g

17,000g > 16kg

7.1km > 4,800m

3,900m = 3.9km

3.9	17,000	5,300	4,800

Include the correct unit of measurement.

Varied Fluency 4

Answer the question below.

Mike runs $\frac{9}{10}$ of 1km.

How many metres does he run?

Varied Fluency 4

Answer the question below.

Mike runs $\frac{9}{10}$ of 1km.

How many metres does he run?

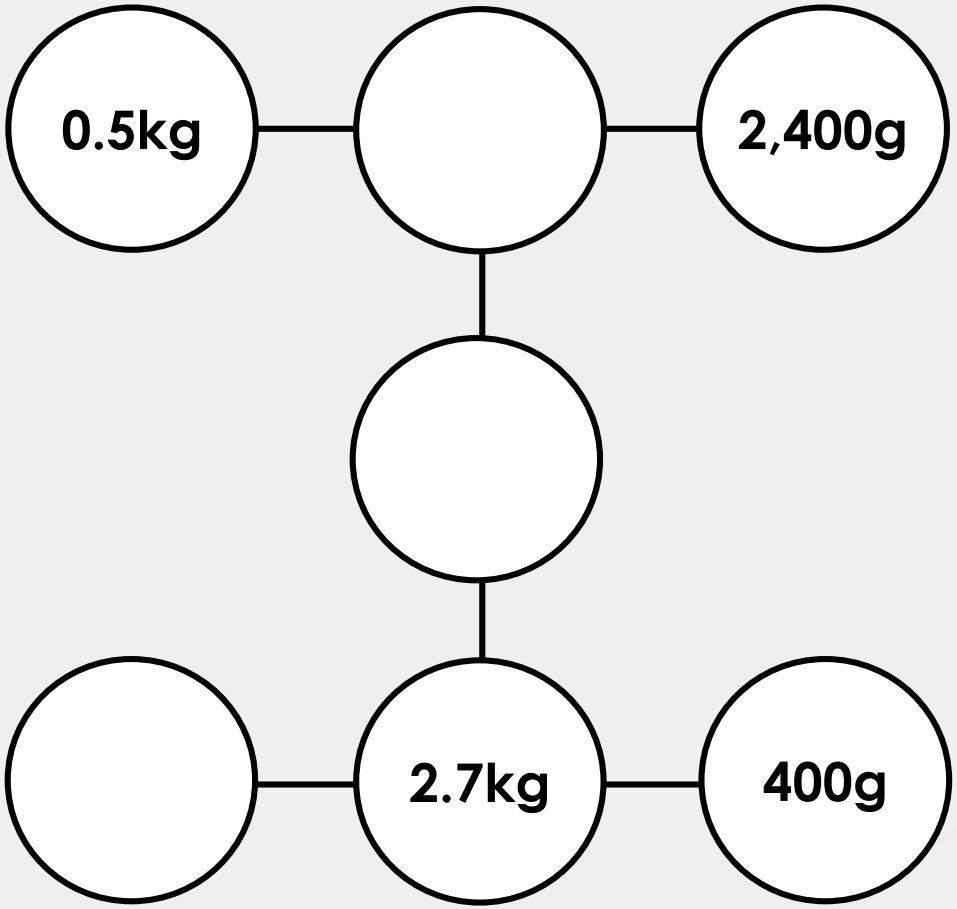
1km = 1,000m
1,000m ÷ 10 = 100m
100m x 9 = 900m

He runs 900m.

STOP!
Now complete sheet 1

Problem Solving 1

Complete the circles so that each line adds up to 7,000g in every direction. Give your answer in kilograms.



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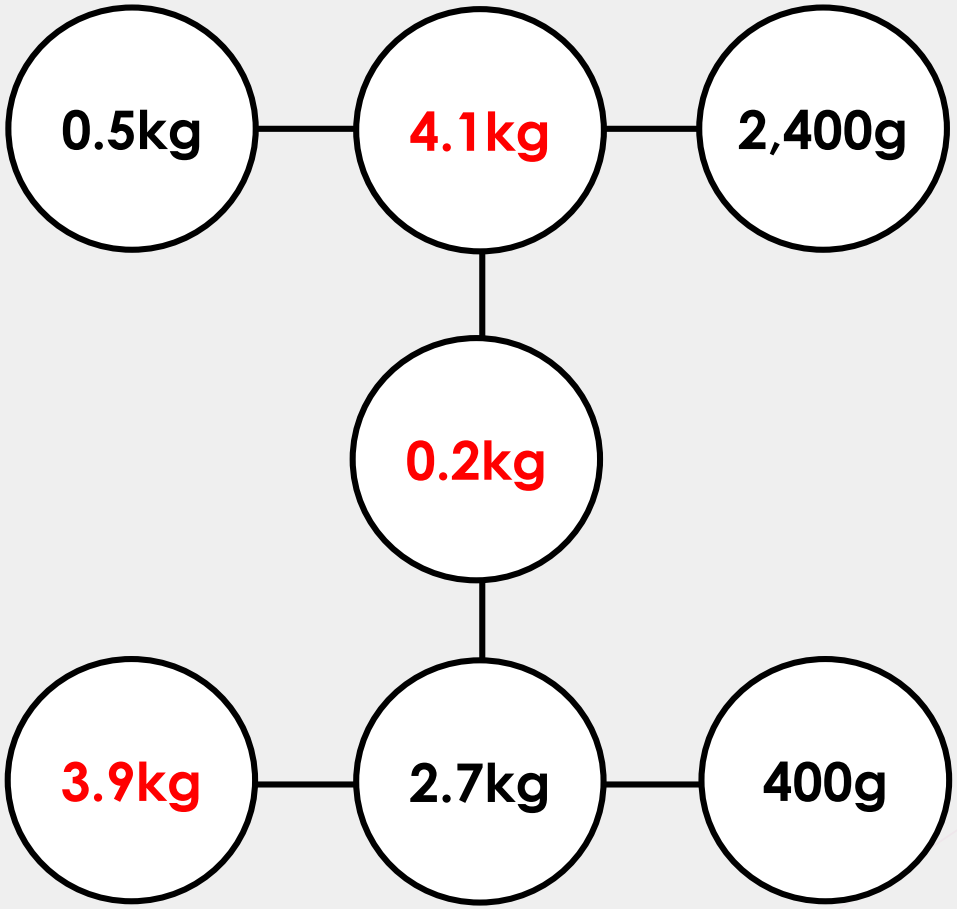

Problem Solving 2

Using the cards below, create 3 different comparison statements.

5,500m	4.3km	2,300m

<	>

Problem Solving 2

Using the cards below, create 3 different comparison statements.

5,500m	4.3km	2,300m
<	>	

Various possible answers, for example:

4.3km < 5,550m **2,300m < 5,500m** **4.3km > 2,300m**

Reasoning 1

A crate of bananas weighs 5,500g.

Is Luke correct?
Explain your answer.

Reasoning 1

A crate of bananas weighs 5,500g.

Is Luke correct?
Explain your answer.

Luke is not correct because . . .

Reasoning 1

A crate of bananas weighs 5,500g.

Is Luke correct?
Explain your answer.

Luke is not correct because 5,500g = 5.5kg. 5.5 x £3.00 = £16.50

Now complete sheet 2