Converting Between Different Units of Measurement

1. Complete this table. The first one has been done for you.

Millilitres (ml)	Litres (l)
650	0.65
2300	
	4.37
	9.2
780	

2. Draw lines to match these measurements. One has been done for you.

170cm	800cm
40cm	2.5m
8m	1700cm
250cm	0.4m
4m	1.7m
17m	400cm

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. Complete the number sentences below:

250g = kg 390cm = m 2.6l = ml

0.46kg = g 5.6m = cm 350ml = l

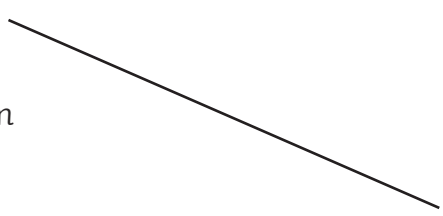
1240g = kg 980cm = m 0.8l = ml

Converting Between Different Units of Measurement

1. Complete this table. The first one has been done for you.

Millilitres (ml)	Centilitres (cl)	Litres (l)
350	35	0.35
1300		
		2.6
	82	
680		

Draw lines to match these measurements. One has been done for you.



170cm	0.86m
40mm	2.5m
860mm	1.7cm
250cm	0.4cm
8.6m	1.7m
17mm	860cm
4mm	0.04m

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

6g	☐	0.006kg	0.46kg	☐	46g	3.5g	☐	3550kg
1001g	☐	1kg	0.38kg	☐	379g	4560g	☐	4.56kg

3. Complete the number sentences below:

360g =	kg	830cm =	m	4.2l =	ml	3400m =	km
0.74kg =	g	2.6m =	cm	760ml =	l	0.23km =	m
3078g =	kg	180cm =	m	0.9l =	ml	46m =	km

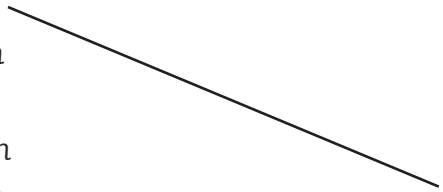
Converting Between Different Units of Measurement

1. Complete this table. The first one has been done for you.

Millilitres (ml)	Centilitres (cl)	Litres (l)
860	86	0.86
9700		
		$\frac{1}{2}$ litre
820		
		$\frac{3}{4}$ litres

Draw lines to match these measurements. One has been done for you.

9cm	0.86km
99mm	6.5m
860m	6.5cm
650cm	9900m
0.86m	0.09m
65mm	86cm
9.9km	9.9cm



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

$\frac{1}{4}$ kg	☐	250g	8005g	☐	8.5kg	0.09kg	☐	6g
12.5kg	☐	1250g	10 001g	☐	10kg	750g	☐	$\frac{3}{4}$ kg

3. Complete the number sentences below:

360g =	kg	830cm =	m	4.2l =	ml	3400m =	km
0.74kg =	g	2.6m =	cm	760ml =	l	0.23km =	m
3078g =	kg	180cm =	m	0.9l =	ml	46m =	km

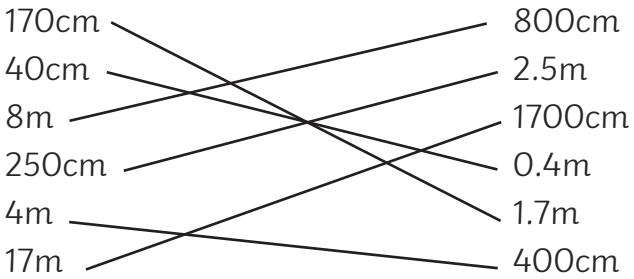
4. Sam says: 9.05kg is equal to 9500g. Is he right or wrong? Explain your answer.

Converting Between Different Units of Measurement: **Answers**

1. Complete this table. The first one has been done for you.

Millilitres (ml)	Litres (l)
650	0.65
2300	2.3
4370	4.37
9200	9.2
780	0.78

2. Draw lines to match these measurements. One has been done for you.



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. Complete the number sentences below:

250g = **0.25**kg 390cm = **3.9**m 2.6l = **2600**ml

0.46kg = **460**g 5.6m = **560**cm 350ml = **0.35**l

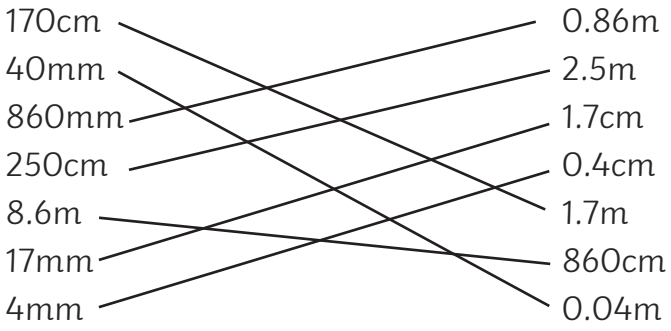
1240g = **1.24**kg 980cm = **9.8**m 0.8l = **800**ml

Converting Between Different Units of Measurement: **Answers**

1. Complete this table. The first one has been done for you.

Millilitres (ml)	Centilitres (cl)	Litres (l)
350	35	0.35
1300	**130**	**1.3**
2600	**260**	2.6
820	82	**0.82**
680	**68**	**0.68**

Draw lines to match these measurements. One has been done for you.



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

6g	=	0.006kg	0.46kg	>	46g	3.5g	<	3550kg
1001g	>	1kg	0.38kg	>	379g	4560g	=	4.56kg

3. Complete the number sentences below:

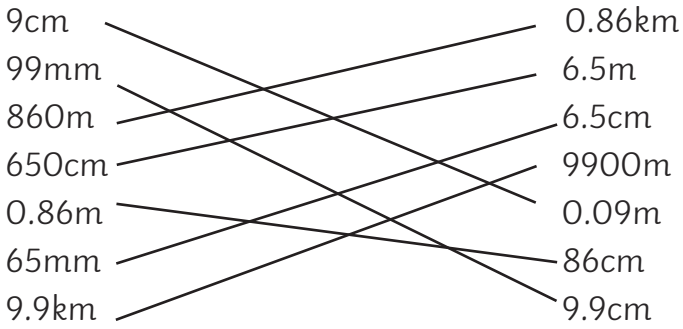
360g = **0.36**kg	830cm = **8.3**m	4.2l = **4200**ml	3400m = **3.4**km
0.74kg = **740**g	2.6m = **260**cm	760ml = **0.76**l	0.23km = **230**m
3078g = **3.078**kg	180cm = **1.8**m	0.9l = **900**ml	46m = **0.046**km

Converting Between Different Units of Measurement: **Answers**

1. Complete this table. The first one has been done for you.

Millilitres (ml)	Centilitres (cl)	Litres (l)
860	86	0.86
9700	**970**	**9.7**
500	**50**	$\frac{1}{2}$ litre
820	**82**	**0.82**
750	**75**	$\frac{3}{4}$ litres

Draw lines to match these measurements. One has been done for you.



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

$\frac{1}{4}$ kg	=	250 g	8005g	<	8.5kg	0.09kg	>	6g
12.5kg	>	1250 g	10 001g	>	10kg	750g	=	$\frac{3}{4}$ kg

3. Complete the number sentences below:

360g = 0.36kg	830cm = 8.3m	4.2l = 4200ml	3400m = 3.4km
0.74kg = 740g	2.6m = 260cm	760ml = 0.76l	0.23km = 230m
3078g = 3.078kg	180cm = 1.8m	0.9l = 900ml	46m = 0.046km

4. Sam says: 9.05kg is equal to 9500g. Is he right or wrong? Explain your answer.

Sam is wrong because 9.05kg is equal to 9050g, not 9500g. The digit 5 is worth 5 tens, not 5 hundreds.