

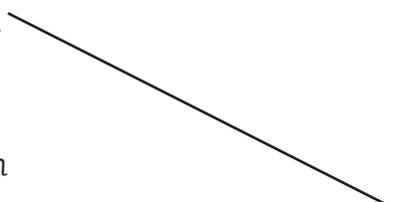
# Converting Between Different Units of Measurement

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

*Note: A line is drawn from 170cm to 1.7m.*

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

6g	<input type="text"/>	0.006kg	0.46kg	<input type="text"/>	46g	3.5g	<input type="text"/>	3550kg
1001g	<input type="text"/>	1kg	0.38kg	<input type="text"/>	379g	4560g	<input type="text"/>	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

*(A line is drawn from 9cm to 0.09m)*

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

$\frac{1}{4}$ kg	<input type="text"/>	250g	8005g	<input type="text"/>	8.5kg	0.09kg	<input type="text"/>	6g
12.5kg	<input type="text"/>	1250g	10 001g	<input type="text"/>	10kg	750g	<input type="text"/>	$\frac{3}{4}$ 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.

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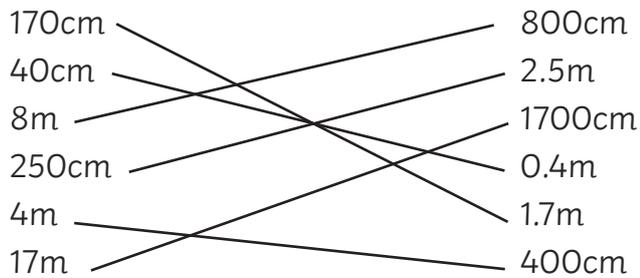
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# Converting Between Different Units of Measurement: **Answers**

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:

$8400\text{g} \boxed{=} 8.4\text{kg}$

$1100\text{g} \boxed{>} 1\text{kg}$

$725\text{g} \boxed{<} 7.25\text{kg}$

$6.6\text{kg} \boxed{>} 660\text{g}$

$3.7\text{kg} \boxed{>} 379\text{g}$

$2890\text{g} \boxed{=} 2.89\text{kg}$

4. Complete the number sentences below:

$250\text{g} = \mathbf{0.25}\text{kg}$

$390\text{cm} = \mathbf{3.9}\text{m}$

$2.6\text{l} = \mathbf{2600}\text{ml}$

$0.46\text{kg} = \mathbf{460}\text{g}$

$5.6\text{m} = \mathbf{560}\text{cm}$

$350\text{ml} = \mathbf{0.35}\text{l}$

$1240\text{g} = \mathbf{1.24}\text{kg}$

$980\text{cm} = \mathbf{9.8}\text{m}$

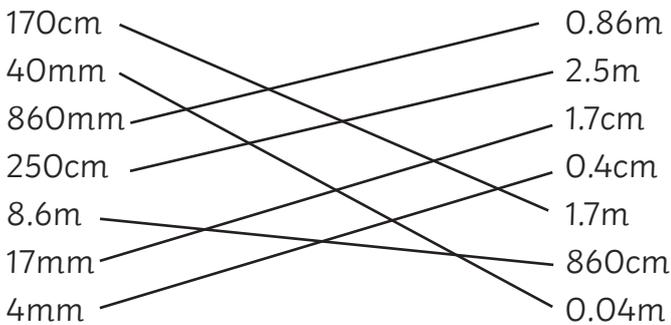
$0.8\text{l} = \mathbf{800}\text{ml}$

# 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	<b>130</b>	<b>1.3</b>
<b>2600</b>	<b>260</b>	2.6
<b>820</b>	82	<b>0.82</b>
680	<b>68</b>	<b>0.68</b>

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 = **42**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	<b>970</b>	<b>9.7</b>
<b>500</b>	<b>50</b>	$\frac{1}{2}$ litre
820	<b>82</b>	<b>0.82</b>
<b>750</b>	<b>75</b>	$\frac{3}{4}$ litres

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

9cm	<del>0.86km</del>
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	<input type="text" value="="/>	250 g	8005g	<input style="width: 20px;" type="text" value="&lt;"/>	8.5kg	0.09kg	<input style="width: 20px;" type="text" value="&gt;"/>	6g
12.5kg	<input style="width: 20px;" type="text" value="&gt;"/>	1250 g	10 001g	<input style="width: 20px;" type="text" value="&gt;"/>	10kg	750g	<input style="width: 20px;" type="text" value="="/>	$\frac{3}{4}$ 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.**