



Converting Volume and Capacity Units

I can convert between units of volume and capacity.



1. Fill in the table, converting the litre measurements into millilitres:

Litres	Millilitres
1 litre	ml
2 litres	ml
3 litres	ml
4 litres	ml
5 litres	ml
6 litres	ml
7 litres	ml
8 litres	ml

2. Draw lines to match the mixed litres and millilitres measurements to the millilitre measurements:

5 l 500ml

3 l 500ml

4 l 500ml

2 l 500ml

6 l 500ml

4500ml

2500ml

3500ml

6500ml

5500ml



Converting Volume and Capacity Units

3. Find the matching pairs (one from the left side and one from the right) and colour each pair in the same colour:

3500ml
4250ml
6750ml
2250ml
3750ml
4750ml
8250ml
5750ml

6l 750ml
3l 750ml
4l 750ml
8l 250ml
3l 500ml
5l 750ml
4l 250ml
2l 250ml

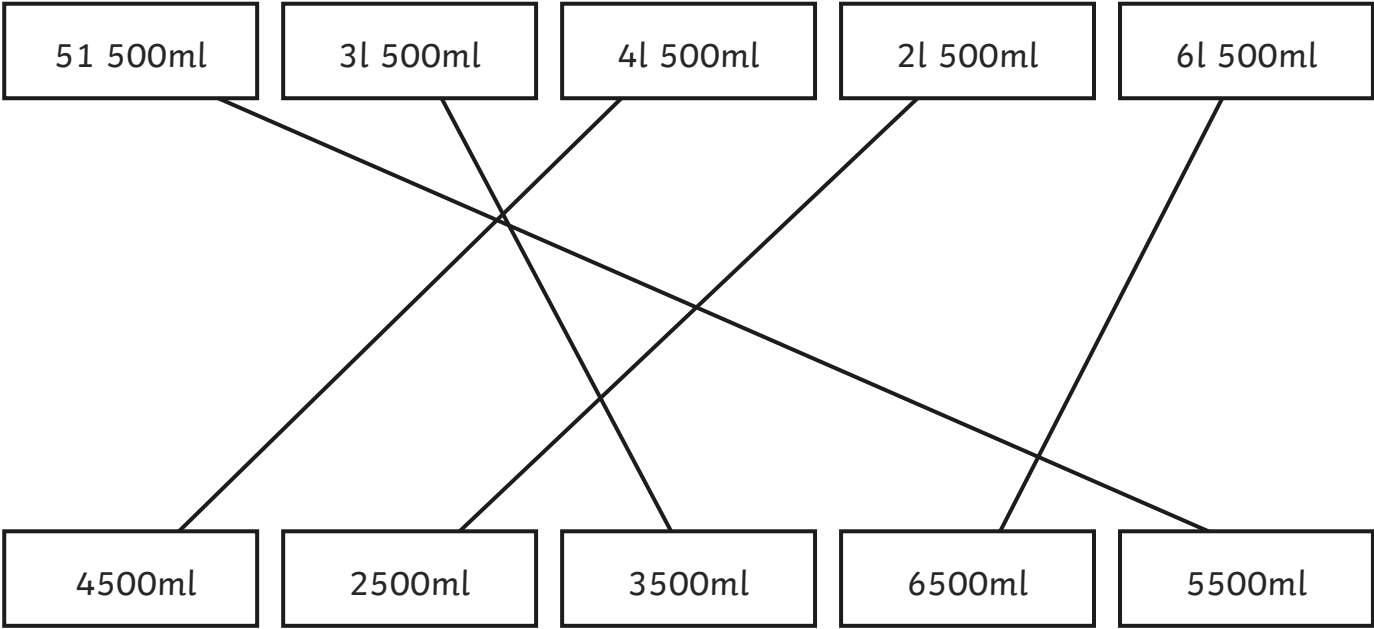


Converting Volume and Capacity Units **Answers**

1. Fill in the table, converting the litre measurements into millilitres:

Litres	Millilitres
1 litre	<i>1000ml</i>
2 litres	<i>2000ml</i>
3 litres	<i>3000ml</i>
4 litres	<i>4000ml</i>
5 litres	<i>5000ml</i>
6 litres	<i>6000ml</i>
7 litres	<i>7000ml</i>
8 litres	<i>8000ml</i>

2. Draw lines to match the mixed litres and millilitres measurements to the millilitre measurements:





Converting Volume and Capacity Units

3. Find the matching pairs (one from the left side and one from the right) and colour each pair in the same colour:

Coloured pairs as shown by the lines.

3500ml		6l 750ml
4250ml		3l 750ml
6750ml		4l 750ml
2250ml		8l 250ml
3750ml		3l 500ml
4750ml		5l 750ml
8250ml		4l 250ml
5750ml		2l 250ml



Converting Volume and Capacity Units

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1. Fill in the table, converting the litre measurements into millilitres:

Litres	Millilitres
5 litres	ml
8 litres	ml
3 litres	ml
4 litres	ml
6 litres	ml
7 litres	ml
2 litres	ml
9 litres	ml

2. To convert litres and millilitres into millilitres, first calculate how many millilitres are in the litre measurement, then add on the millilitre measurement.

e.g. 5l 250ml = 5000ml + 250ml = 5250ml

Convert the following:

3l 500ml	ml
4l 250ml	ml
6l 750ml	ml
2l 250ml	ml
7l 500ml	ml
3l 750ml	ml
4l 750ml	ml
9l 250ml	ml



Converting Volume and Capacity Units

3. To convert millilitres to litres, divide by 1000. If this creates a decimal number, the thousandths can be written as millilitres.

e.g. 6500ml = 6l 500ml

Litres	Litres/Litres and Millilitres
9000ml	
8000ml	
3500ml	
4250ml	
7750ml	
6250ml	
3750ml	
5250ml	

4. Order these capacity measurements from smallest to largest. When they are in different units, convert them so that they are all the same:

e.g.

4l 500ml convert to 4500ml	3750ml	4250ml
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3750ml	4250ml	4l 500ml
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a.

2l 750ml	2500ml	1250ml
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b.

3l 500ml	3750ml	2l 750ml
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Converting Volume and Capacity Units **Answers**

1. Fill in the table, converting the litre measurements into millilitres:

Litres	Millilitres
5 litres	<i>5000ml</i>
8 litres	<i>8000ml</i>
3 litres	<i>3000ml</i>
4 litres	<i>4000ml</i>
6 litres	<i>6000ml</i>
7 litres	<i>7000ml</i>
2 litres	<i>2000ml</i>
9 litres	<i>9000ml</i>

2. To convert litres and millilitres into millilitres, first calculate how many millilitres are in the litre measurement, then add on the millilitre measurement.

e.g. 5l 250ml = 5000ml + 250ml = 5250ml

Convert the following:

3l 500ml	<i>3500ml</i>
4l 250ml	<i>4250ml</i>
6l 750ml	<i>6750ml</i>
2l 250ml	<i>2250ml</i>
7l 500ml	<i>7500ml</i>
3l 750ml	<i>3750ml</i>
4l 750ml	<i>4750ml</i>
9l 250ml	<i>9250ml</i>



Converting Volume and Capacity Units

3. To convert millilitres to litres, divide by 1000. If this creates a decimal number, the thousandths can be written as millilitres.

e.g. 6500ml = 6l 500ml

Litres	Litres/Litres and Millilitres
9000ml	9l
8000ml	8l
3500ml	3l 500ml
4250ml	4l 250ml
7750ml	7l 750ml
6250ml	6l 250ml
3750ml	3l 750ml
5250ml	5l 250ml

4. Order these capacity measurements from smallest to largest. When they are in different units, convert them so that they are all the same:

a.	2l 750ml	2500ml	1250ml
	1250ml	2500ml	2l 750ml
b.	3l 500ml	3750ml	2l 750ml
	2l 750ml	3l 500ml	3750ml



Converting Volume and Capacity Units

I can convert between units of volume and capacity.



1. Convert the following:

Example: 6l 750ml	6750ml
5l 235ml	ml
3l 478ml	ml
7l 822ml	ml
4l 629ml	ml
8l 547ml	ml
3l 799ml	ml
5l 813ml	ml
10l 531ml	ml

2. Convert the following to litres and millilitres:

Example: 7321ml	7l 321ml
5124ml	
8452ml	
3219ml	
9259ml	
4851ml	
13288ml	
9754ml	
15254ml	



Converting Volume and Capacity Units

3. Order these capacity measurements from smallest to largest. You may need to convert some measurements to different units.

e.g.

5l 522ml change to 5522ml	4753ml	8712ml	6892ml
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4753ml	5l 522ml	6892ml	8712ml
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a.

4l 228ml	5579ml	4l 367ml	3689ml
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b.

2l 876ml	3l 214ml	3125ml	2l 788ml
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c.

7148ml	6l 415ml	6866ml	7l 547ml
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Converting Volume and Capacity Units **Answers**

1. Convert the following:

Example: 6l 750ml	6750ml
5l 235ml	<i>5235ml</i>
3l 478ml	<i>3478ml</i>
7l 822ml	<i>7822ml</i>
4l 629ml	<i>4629ml</i>
8l 547ml	<i>8547ml</i>
3l 799ml	<i>3799ml</i>
5l 813ml	<i>5813ml</i>
10l 531ml	<i>10 531ml</i>

2. Convert the following to litres and millilitres:

Example: 7321ml	7l 321ml
5124ml	<i>5l 124ml</i>
8452ml	<i>8l 452ml</i>
3219ml	<i>3l 219ml</i>
9259ml	<i>9l 259ml</i>
4851ml	<i>4l 851ml</i>
13288ml	<i>13l 288ml</i>
9754ml	<i>9l 754ml</i>
15254ml	<i>15l 254ml</i>



Converting Volume and Capacity Units

3. Order these capacity measurements from smallest to largest. You may need to convert some measurements to different units.

a.

4l 228ml	5579ml	4l 367ml	3689ml
<i>3689ml</i>	<i>4l 228ml</i>	<i>4l 367ml</i>	<i>5579ml</i>

b.

2l 876ml	3l 214ml	3125ml	2l 788ml
<i>2l 788ml</i>	<i>2l 876ml</i>	<i>3125ml</i>	<i>3l 214ml</i>

c.

7148ml	6l 415ml	6866ml	7l 547ml
<i>6l 415ml</i>	<i>6866ml</i>	<i>7148ml</i>	<i>7l 547ml</i>