

Tuesday Activity: Millilitres and Millimetres

Key facts to remember when answering questions:

1 litre (L) = 1000 millilitres (ml)

1 centimetre (cm) = 10 millimetres (mm)

$\frac{1}{2}$ L = 500 ml

$\frac{1}{2}$ cm = 5 mm

Please choose the level that best suits you: **green**, **pink** or **purple**.

There are 2 parts in each level. Please answer both parts.

An extension is provided for each level.

Why not challenge yourself? Do more than one level.

Green

Part 1:

<p>1a. Multiply or divide? Show you know how to convert the measurement by completing these statements.</p> <p>To convert 5m into millimetres, _____ by 1,000. The answer is _____.</p> <p>To convert 3,000ml into litres, _____ by 1,000. The answer is _____.</p> <p>To convert 7L into millilitres, _____ by 1,000. The answer is _____.</p> <p style="text-align: right;"> VF</p>	<p>1b. Multiply or divide? Show you know how to convert the measurement by completing these statements.</p> <p>To convert 9 litres into millilitres, _____ by 1,000. The answer is _____.</p> <p>To convert 3,000mm into metres, _____ by 1,000. The answer is _____.</p> <p>To convert 8,000ml into litres, _____ by 1,000. The answer is _____.</p> <p style="text-align: right;"> VF</p>
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<p>2a. Complete the table below.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tr><td>mm</td><td>m</td></tr> <tr><td></td><td>2</td></tr> <tr><td>4,000</td><td></td></tr> <tr><td>8,000</td><td></td></tr> <tr><td></td><td>3</td></tr> </table> <p style="text-align: right;"> VF</p>	mm	m		2	4,000		8,000			3	<p>2b. Complete the table below.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tr><td>ml</td><td>L</td></tr> <tr><td></td><td>3</td></tr> <tr><td></td><td>7</td></tr> <tr><td>6,000</td><td></td></tr> <tr><td></td><td>10</td></tr> </table> <p style="text-align: right;"> VF</p>	ml	L		3		7	6,000			10
mm	m																				
	2																				
4,000																					
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<p>3a. Order these mixed measurements from largest to smallest.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">2,000mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">6,000mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">1m</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">3m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">5,000mm</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D VF </div>	<p>3b. Order these mixed measurements from smallest to largest.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">3m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">9,000mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">2,000mm</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">5m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">8,000mm</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D VF </div>
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<p>4a. Draw lines to match the equivalent measurements.</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 50%;">1,000ml</td> <td style="border: 1px solid black; padding: 5px; width: 50%;">2,000mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">2m</td> <td style="border: 1px solid black; padding: 5px;">3m</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">5L</td> <td style="border: 1px solid black; padding: 5px;">1L</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">3,000mm</td> <td style="border: 1px solid black; padding: 5px;">5,000ml</td> </tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D VF </div>	1,000ml	2,000mm	2m	3m	5L	1L	3,000mm	5,000ml	<p>4b. Draw lines to match the equivalent measurements.</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 50%;">4L</td> <td style="border: 1px solid black; padding: 5px; width: 50%;">2L</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">3m</td> <td style="border: 1px solid black; padding: 5px;">3,000mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">6,000mm</td> <td style="border: 1px solid black; padding: 5px;">6m</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">2,000ml</td> <td style="border: 1px solid black; padding: 5px;">4,000ml</td> </tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D VF </div>	4L	2L	3m	3,000mm	6,000mm	6m	2,000ml	4,000ml
1,000ml	2,000mm																
2m	3m																
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3,000mm	5,000ml																
4L	2L																
3m	3,000mm																
6,000mm	6m																
2,000ml	4,000ml																

Part 2:

<p>1a. Which two measurements combine to make 5m?</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">2,000mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">3m</div> </div> <div style="display: flex; justify-content: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">1,000mm</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D PS </div>	<p>1b. Which two measurements combine to make 6L?</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">2L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">5,000ml</div> </div> <div style="display: flex; justify-content: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">4,000ml</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D PS </div>
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<p>2a. Is the following statement correct?</p> <div style="display: flex; justify-content: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">5,000ml</div> <div style="margin: 0 10px;">=</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">55L</div> </div> <p style="margin-top: 10px;">Explain your answer.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D R </div>	<p>2b. Is the following statement correct?</p> <div style="display: flex; justify-content: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">6m</div> <div style="margin: 0 10px;">></div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">5,000mm</div> </div> <p style="margin-top: 10px;">Explain your answer.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> D R </div>
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Extension:

<p>3a. Kit has 4,000ml of water in his bucket. Billy has 3L of water in his bucket.</p> <p>Kit adds 2,000ml to his bucket. Billy adds 1L to his bucket.</p> <p>Kit says,</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block;"> My bucket has the least amount of water. </div> </div> <p>Is he right? Explain how you know.</p> <div style="text-align: right; margin-top: 5px;"> </div>	<p>3b. Phoebe has 3L of water in her bucket. Jess has 5,000ml of water in her bucket.</p> <p>Phoebe adds 4L of water to her bucket. Jess adds 1,000ml to her bucket.</p> <p>Jess says,</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block;"> My bucket has the least amount of water. </div> </div> <p>Is she right? Explain how you know.</p> <div style="text-align: right; margin-top: 5px;"> </div>
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Pink

Part 1:

<p>5a. Multiply or divide? Show you know how to convert the measurement by completing these statements.</p> <p>To convert 2.3m into millimetres, _____ by 1,000. The answer is _____.</p> <p>To convert 3,200ml into litres, _____ by 1,000. The answer is _____.</p> <p>To convert 5.7L into millilitres, _____ by 1,000. The answer is _____.</p> <div style="text-align: right; margin-top: 5px;"> </div>	<p>5b. Multiply or divide? Show you know how to convert the measurement by completing these statements.</p> <p>To convert 4,100ml into litres, _____ by 1,000. The answer is _____.</p> <p>To convert 7.5m into millimetres, _____ by 1,000. The answer is _____.</p> <p>To convert 9.4L into millilitres, _____ by 1,000. The answer is _____.</p> <div style="text-align: right; margin-top: 5px;"> </div>																								
<p>6a. Complete the table below.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>$\frac{?}{1000}$</td> <td>ml</td> <td>L</td> </tr> <tr> <td>$\frac{300}{1000}$</td> <td></td> <td></td> </tr> <tr> <td></td> <td>900</td> <td></td> </tr> <tr> <td></td> <td></td> <td>0.6</td> </tr> </table> <div style="text-align: right; margin-top: 5px;"> </div>	$\frac{?}{1000}$	ml	L	$\frac{300}{1000}$				900				0.6	<p>6b. Complete the table below.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>$\frac{?}{1000}$</td> <td>ml</td> <td>L</td> </tr> <tr> <td></td> <td>200</td> <td></td> </tr> <tr> <td></td> <td></td> <td>0.4</td> </tr> <tr> <td>$\frac{800}{1000}$</td> <td></td> <td></td> </tr> </table> <div style="text-align: right; margin-top: 5px;"> </div>	$\frac{?}{1000}$	ml	L		200				0.4	$\frac{800}{1000}$		
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<p>7a. Order these mixed measurements from largest to smallest.</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">4,100mm</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">4m</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">4.2m</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">0.3m</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">400mm</div> </div> <div style="text-align: right; margin-top: 5px;"> </div>	<p>7b. Order these mixed measurements from smallest to largest.</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">8L</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">750ml</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">8,800ml</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">7.5L</div> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; margin: 5px;">0.5L</div> </div> <div style="text-align: right; margin-top: 5px;"> </div>																								

<p>8a. Draw lines to match the equivalent measurements.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 50%;">1,500ml</td> <td style="border: 1px solid black; padding: 5px; width: 50%;">2,500mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">2 $\frac{1}{2}$ m</td> <td style="border: 1px solid black; padding: 5px;">2,200mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">1.4L</td> <td style="border: 1px solid black; padding: 5px;">1.5L</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">2 $\frac{1}{5}$ m</td> <td style="border: 1px solid black; padding: 5px;">1,400ml</td> </tr> </table> <p style="text-align: right; font-size: small;">VF</p>	1,500ml	2,500mm	2 $\frac{1}{2}$ m	2,200mm	1.4L	1.5L	2 $\frac{1}{5}$ m	1,400ml	<p>8b. Draw lines to match the equivalent measurements.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 50%;">4 $\frac{1}{5}$ L</td> <td style="border: 1px solid black; padding: 5px; width: 50%;">4.9L</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">6.2m</td> <td style="border: 1px solid black; padding: 5px;">6,200mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">4,500mm</td> <td style="border: 1px solid black; padding: 5px;">4 $\frac{1}{2}$ m</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">4,900ml</td> <td style="border: 1px solid black; padding: 5px;">4,200ml</td> </tr> </table> <p style="text-align: right; font-size: small;">VF</p>	4 $\frac{1}{5}$ L	4.9L	6.2m	6,200mm	4,500mm	4 $\frac{1}{2}$ m	4,900ml	4,200ml
1,500ml	2,500mm																
2 $\frac{1}{2}$ m	2,200mm																
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Part 2:

<p>4a. Which three measurements combine to make 4.3m?</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">2,500mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">2,000mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">0.3m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">0.6m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">1,500mm</div> </div> <p style="text-align: right; font-size: small;">PS</p>	<p>4b. Which three measurements combine to make 5.7L?</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">0.5L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">1,500ml</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">3,700ml</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">1.3L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">4.6L</div> </div> <p style="text-align: right; font-size: small;">PS</p>
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<p>5a. Is the following statement correct?</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px;">$\frac{50}{1000}$ L</div> <div><</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px;">50ml</div> <div>=</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px;">0.5L</div> </div> <p>Explain your answer.</p> <p style="text-align: right; font-size: small;">R</p>	<p>5b. Is the following statement correct?</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px;">$\frac{900}{1000}$ L</div> <div>=</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px;">900ml</div> <div>></div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px;">0.9L</div> </div> <p>Explain your answer.</p> <p style="text-align: right; font-size: small;">R</p>
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Extension:

<p>6a. Jack's bucket can hold 4,600ml. Peter's bucket can hold 5.2L. Both fill their buckets half way. Jack adds an extra 700ml and Peter adds an extra 500ml.</p> <p>Jack says,</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; background-color: #e0e0e0;"> My bucket has the greatest amount of water. </div> </div> <p>Is he right? Explain how you know.</p> <p style="text-align: right; font-size: small;">R</p>	<p>6b. Brooke's bucket can hold 2,800ml. Lily's bucket can hold 1.2L. Both fill their buckets half way. Brooke adds an extra 500ml and Lily adds an extra 200ml.</p> <p>Lily says,</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; background-color: #e0e0e0;"> My bucket has the least amount of water. </div> </div> <p>Is she right? Explain how you know.</p> <p style="text-align: right; font-size: small;">R</p>
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Purple

Part 1:

<p>9a. Multiply or divide? Show you know how to convert the measurement by completing these statements.</p> <p>To convert 2.34m into millimetres, _____ by 1,000. The answer is _____.</p> <p>To convert 4.010ml into litres, _____ by 1,000. The answer is _____.</p> <p>To convert 5.77L into millilitres, _____ by 1,000. The answer is _____.</p> <p style="text-align: right; font-size: small;">VF</p>	<p>9b. Multiply or divide? Show you know how to convert the measurement by completing these statements.</p> <p>To convert 4.18 litres into millilitres, _____ by 1,000. The answer is _____.</p> <p>To convert 7,040mm into metres, _____ by 1,000. The answer is _____.</p> <p>To convert 9.49L into millilitres, _____ by 1,000. The answer is _____.</p> <p style="text-align: right; font-size: small;">VF</p>
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<p>10a. Complete the table below.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">$\frac{?}{1000}$</td> <td style="padding: 5px;">ml</td> <td style="padding: 5px;">L</td> </tr> <tr> <td style="padding: 5px;">$\frac{350}{1000}$</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">590</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">0.71</td> </tr> </table> <p style="text-align: right; font-size: small;">VF</p>	$\frac{?}{1000}$	ml	L	$\frac{350}{1000}$				590				0.71	<p>10b. Complete the table below.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">$\frac{?}{1000}$</td> <td style="padding: 5px;">ml</td> <td style="padding: 5px;">L</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">750</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">0.06</td> </tr> <tr> <td style="padding: 5px;">$\frac{950}{1000}$</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> </table> <p style="text-align: right; font-size: small;">VF</p>	$\frac{?}{1000}$	ml	L		750				0.06	$\frac{950}{1000}$		
$\frac{?}{1000}$	ml	L																							
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		0.71																							
$\frac{?}{1000}$	ml	L																							
	750																								
		0.06																							
$\frac{950}{1000}$																									

<p>11a. Order these mixed measurements from largest to smallest.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">460mm</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">4.36m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">4.26m</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">0.29m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">426mm</div> </div> <p style="text-align: right; font-size: small;">VF</p>	<p>11b. Order these mixed measurements from smallest to largest.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">8.76L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">760ml</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">8,610ml</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">7.6L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">0.86L</div> </div> <p style="text-align: right; font-size: small;">VF</p>
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<p>12a. Draw lines to match the equivalent measurements.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 50%;">7,760ml</td> <td style="border: 1px solid black; padding: 5px; width: 50%;">7,750mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">$7\frac{3}{4}$ m</td> <td style="border: 1px solid black; padding: 5px;">7,500mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">7.45L</td> <td style="border: 1px solid black; padding: 5px;">7.76L</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">$7\frac{2}{4}$ m</td> <td style="border: 1px solid black; padding: 5px;">7,450ml</td> </tr> </table> <p style="text-align: right; font-size: small;">VF</p>	7,760ml	7,750mm	$7\frac{3}{4}$ m	7,500mm	7.45L	7.76L	$7\frac{2}{4}$ m	7,450ml	<p>12b. Draw lines to match the equivalent measurements.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 50%;">5,500mm</td> <td style="border: 1px solid black; padding: 5px; width: 50%;">5,050mm</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">5,950ml</td> <td style="border: 1px solid black; padding: 5px;">5.95L</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">5,750ml</td> <td style="border: 1px solid black; padding: 5px;">$5\frac{1}{2}$ m</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">5.05m</td> <td style="border: 1px solid black; padding: 5px;">$5\frac{3}{4}$ L</td> </tr> </table> <p style="text-align: right; font-size: small;">VF</p>	5,500mm	5,050mm	5,950ml	5.95L	5,750ml	$5\frac{1}{2}$ m	5.05m	$5\frac{3}{4}$ L
7,760ml	7,750mm																
$7\frac{3}{4}$ m	7,500mm																
7.45L	7.76L																
$7\frac{2}{4}$ m	7,450ml																
5,500mm	5,050mm																
5,950ml	5.95L																
5,750ml	$5\frac{1}{2}$ m																
5.05m	$5\frac{3}{4}$ L																

Part 2:

<p>7a. Which three measurements combine to make 6.27m?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">$1\frac{1}{4}\text{m}$</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">5,000mm</div> </div> <div style="display: flex; justify-content: center; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 10px;">0.2m</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">0.02m</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">6,000mm</div> </div> <p style="text-align: right; font-size: small;">PS</p>	<p>7b. Which three measurements combine to make 5.75L?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">1.75L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">1,250ml</div> </div> <div style="display: flex; justify-content: center; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 10px;">2,700ml</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">1.5L</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 5px;">$2\frac{3}{4}\text{L}$</div> </div> <p style="text-align: right; font-size: small;">PS</p>
<p>8a. Is the following statement correct?</p> <div style="display: flex; justify-content: center; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 5px;">0.06L</div> <div style="margin: 0 5px;">></div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 5px;">$\frac{600}{1000}\text{L}$</div> <div style="margin: 0 5px;">=</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 5px;">0.6L</div> </div> <p>Explain your answer.</p> <p style="text-align: right; font-size: small;">R</p>	<p>8b. Is the following statement correct?</p> <div style="display: flex; justify-content: center; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 5px;">0.15L</div> <div style="margin: 0 5px;">></div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 5px;">$\frac{15}{1000}\text{L}$</div> <div style="margin: 0 5px;"><</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; margin: 0 5px;">150ml</div> </div> <p>Explain your answer.</p> <p style="text-align: right; font-size: small;">R</p>

Extension:

<p>9a. Logan's bucket can hold 5,500ml. Noah's bucket can hold 3L. Logan fills his bucket half way. Noah fills his bucket to $\frac{2}{3}$. They then add 750ml of water each.</p> <p>Logan says,</p> <div style="display: flex; align-items: center; margin: 10px 0;">  <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">My bucket has the least amount of water.</div> </div> <p>Is he right? Explain how you know.</p> <p style="text-align: right; font-size: small;">R</p>	<p>9b. Ava's bucket can hold 6.3L. Olivia's bucket can hold 3,800ml. Ava fills a third of her bucket and then adds 250ml. Olivia fills her bucket half way. She then adds 450ml of water.</p> <p>Olivia says,</p> <div style="display: flex; align-items: center; margin: 10px 0;">  <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">We have the same amount of water.</div> </div> <p>Is she right? Explain how you know.</p> <p style="text-align: right; font-size: small;">R</p>
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