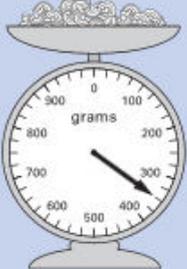


# Units- Answers

Key Stage 2: 2003 Paper A

1.

<b>2</b>	<p>Arrow drawn to 350, as shown:</p> 	<b>1m</b>	<p>Arrow should be closer to 350 than to 325 or 375 for award of the mark.</p> <p>Accept arrows not originating from the centre of the dial.</p>
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Key Stage 2: 2003 Paper B

1.

<b>3a</b>	45	<b>1m</b>	
<b>3b</b>	15:13	<b>1m</b>	

Key Stage 2: 2003 Paper B

2.

<b>11</b>	50	<b>1m</b>	Accept -50
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Key Stage 2: 2003 Paper B

3.

<b>18</b>	<p>Award <b>TWO</b> marks for the correct answer of 54</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate method, eg</p> $153 - (3 \times 15) = 108$ $108 \div 2$	<p><b>Up to 2m</b></p> <p>U1</p>	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2004 Paper A

1.

<b>4</b>	Answer in the range 8.4 to 8.6cm inclusive.	<b>1m</b>	Accept $8\frac{1}{2}$ cm
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Key Stage 2: 2004 Paper A

2.

<b>16</b>	360	<b>1m</b>	
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Key Stage 2: 2004 Paper B

1.

<b>15a</b>	4.4	<b>1m</b>	
<b>15b</b>	1.2 <b>OR</b> for finding the correct difference between 5.6 and the answer given for 15a	<b>1m</b>	

Key Stage 2: 2006 Paper A

1.

<b>8a</b>	451	<b>1m</b>	
<b>8b</b>	110	<b>1m</b>	

Key Stage 2: 2006 Paper B

1.

<b>5</b>	125	<b>1m</b>	
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Key Stage 2: 2006 Paper B

2.

<b>17</b>	Award <b>TWO</b> marks for the correct answer of 60  If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate method, eg $800 - 500 = 300$ $300 \div 5$	<b>Up to 2m</b> <b>U1</b>	Answer need not be obtained for the award of <b>ONE</b> mark.
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Key Stage 2: 2006 Paper B

3.

<b>22a</b>	400	<b>1m</b>	<i>Answer must be in grams.</i>
<b>22b</b>	1200g <b>OR</b> 1.2kg <b>OR</b> for finding the correct difference between 1.6kg and the answer given for 22a.	<b>1m</b>	<i>Accept 1200 <b>OR</b> 1.2 <b>OR</b> 1kg 200g</i>

Key Stage 2: 2007 Paper A

1.

<b>4</b>	70	<b>1m</b>	
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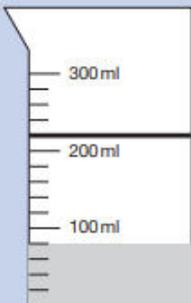
Key Stage 2: 2007 Paper A

2.

<b>13</b>	18	<b>1m</b>	<i>Accept -18</i>
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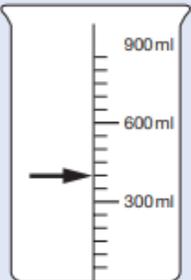
Key Stage 2: 2007 Paper B

1.

<b>16</b>	Level of water indicated as shown: 	<b>1m</b>	<i>Accept answers in the range 215ml to 225ml inclusive. Accept alternative unambiguous indications of the correct level, provided the intention is clear, eg container shaded.</i>
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Key Stage 2: 2009 Paper A

1.

<b>16a</b>	350	<b>1m</b>	
<b>16b</b>	Arrow drawn to 400 as shown: 	<b>1m</b>	<i>Arrow should be closer to 400 than to 350 or 450 for the award of the mark. Accept alternative unambiguous indications of the correct level, provided the intention is clear, eg container shaded.</i>

Key Stage 2: 2009 Paper A

1.

<p><b>17</b></p>	<p>Award <b>TWO</b> marks for the correct answer of 150            If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate working, eg  <math>800 \div 2 = 400</math>  <math>400 - 250 = \text{wrong answer}</math></p>	<p><b>Up to 2m</b></p> <p style="text-align: center;">(U1)</p>	<p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
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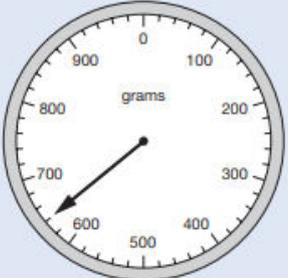
Key Stage 2: 2010 Paper B

1.

<p><b>10</b></p>	<p>325</p>	<p><b>1m</b></p>	
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Key Stage 2: 2011 Paper A

1.

<p><b>14</b></p>	<p>Arrow drawn to 640, as shown:</p> 	<p><b>1m</b></p>	<p>Arrow should be closer to 640 than to 620 or 660            Accept any unambiguous indication of the correct point on the scale, including an arrow not originating from the centre of the dial.            Accept answer given on upper diagram provided no answer is given on lower diagram.</p>
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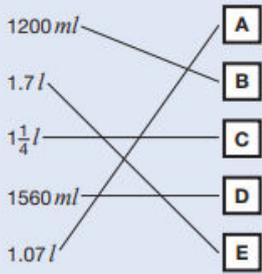
Key Stage 2: 2011 Paper B

1.

<p><b>7a</b></p>	<p><math>1\frac{1}{2}</math> OR 1.5</p>	<p><b>1m</b></p>	
<p><b>7b</b></p>	<p>1</p>	<p><b>1m</b></p>	

Key Stage 2: 2012 Paper A

1.

<b>19</b>	Award <b>TWO</b> marks for all five letters in the correct order as shown:  <b>B</b> <b>E</b> <b>C</b> <b>D</b> <b>A</b>  If the answer is incorrect, award <b>ONE</b> mark for at least three letters correct.	<b>Up to 2m</b>	Accept alternative unambiguous indications, eg  
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Key Stage 2: 2012 Paper B

1.

<b>2</b>	Answer in the range 7.4cm to 7.6cm inclusive	<b>1m</b>	Accept fractions, eg $7\frac{1}{2}$ Answer must be in centimetres.
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Key Stage 2: 2013 Paper B L6

1.

<b>2</b>	Gives the three correct numbers in their correct positions, ie: • <div style="text-align: center; margin: 10px 0;"> </div>	<b>2m</b>	✓ <b>Unambiguous indication</b> ✓ <b>Equivalent fractions</b> , eg: • $7\frac{5}{10}$ for 7.5
	Gives two correct numbers in their correct positions	<i>or</i>	
		<b>1m</b>	

Key Stage 2: 2013 Paper B

1.

<b>6a</b>	C and A <b>OR</b> C and D	<b>1m</b>	
<b>6b</b>	A line of 10.5cm	<b>1m</b>	Accept slight inaccuracies in drawing (see page 5 for guidance).

Key Stage 2: 2013 Paper B

2.

<b>13a</b>	-7°C	<b>1m</b>	<b>Do not</b> accept 7-
<b>13b</b>	13°C	<b>1m</b>	If 13a is negative allow follow through in part b for <b>ONE</b> mark.

Key Stage 2: 2013 Paper B

3.

<b>15</b>	Award <b>TWO</b> marks for the correct answer of 12 If the answer is incorrect, award <b>ONE</b> mark for evidence of an appropriate method, eg 6 litres = 6000ml 6000ml ÷ 500ml	<b>Up to 2m</b>	Answer need not be obtained for the award of <b>ONE</b> mark.
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Key Stage 2: 2014 Paper B L6

1.

<b>3a</b>	178	<b>1m</b>	
<b>3b</b>	5	<b>1m</b>	

Key Stage 2: 2014 Paper B

1.

<b>1</b>	38	<b>1m</b>	
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Key Stage 2: 2014 Paper B

2.

<p><b>12</b></p> <p>Award <b>TWO</b> marks for all three values correct as shown:</p> <p><u>banana</u></p> <p>2cm    <b>20cm</b>    2mm    2m    20m</p> <p><u>apple</u></p> <p>2g    20kg    200kg    <b>200g</b>    2kg</p> <p><u>fruit juice</u></p> <p>2ml    2l    20ml    <b>200ml</b>    20l</p> <p>If the answer is incorrect, award <b>ONE</b> mark for two correct measurements.</p>	<p><b>Up to 2m</b></p> <p>Accept alternative unambiguous indications, eg correct value filled in.</p>
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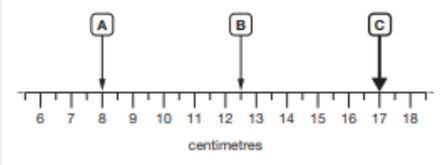
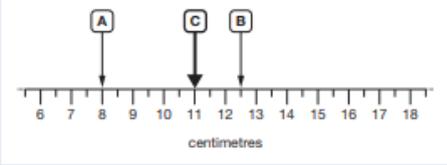
Key Stage 2: 2015 Paper A

1.

<p><b>19</b></p> <p>Award <b>TWO</b> marks for the correct answer of 75</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate working, eg:</p> <p>■ <math>125 \div 50 = 2.5</math>  <math>2.5 \times 30 = \text{wrong answer}</math></p> <p><b>OR</b></p> <p>■ 50g oats    30g raisins          25g oats    15g raisins    (<math>\div 2</math>)          125g oats    wrong answer    (<math>\times 5</math>)</p>	<p><b>Up to 2m</b></p> <p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2015 Paper B

1.

<p><b>8a</b></p> <p><math>4\frac{1}{2}</math> <b>OR</b> 4.5</p> <p><b>8b</b></p> <p>A point marked on the line at either 17cm <b>OR</b> 11cm, ie</p> <div style="text-align: center;">  <p>centimetres</p> </div> <p><b>OR</b></p> <div style="text-align: center;">  <p>centimetres</p> </div>	<p><b>1m</b></p> <p><b>1m</b></p> <p><b>U1</b></p> <p>The mark need not touch the line provided the intention is clear.</p> <p>The marked point need not be labelled.</p>
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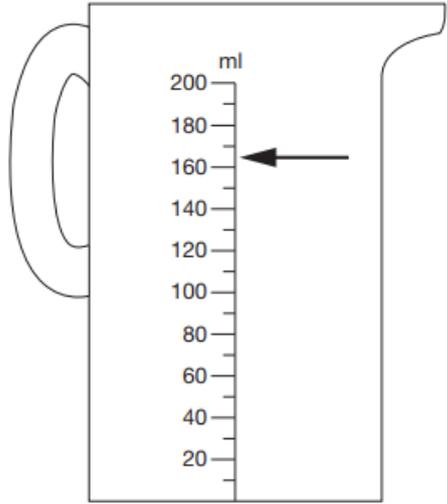
Key Stage 2: 2015 Paper B

2.

15	350	1m	
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Key Stage 2: 2016 Paper 3 Reasoning - Sample

1.

<b>5</b>	<p>Arrow or line drawn to a point in the range 160ml to 170ml <b>exclusive</b>.</p> 	<b>1m</b>	<p><b>Do not</b> accept arrow drawn to 160ml or 170ml.</p>
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Key Stage 2: 2016 Paper 3 Reasoning - Sample

2.

<b>18</b>	<p>Award <b>TWO</b> marks for the correct answer of 90g</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of an appropriate method, e.g.</p> <ul style="list-style-type: none"> <li>• <math>300 \div 400 = \frac{3}{4}</math></li> <li>• <math>\frac{3}{4} \times 120</math></li> </ul>	<b>Up to 2m</b>	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2016 Paper 2 Reasoning

1.

<b>11</b>	Award <b>TWO</b> marks for the correct answer of 30  If the answer is incorrect, award <b>ONE</b> mark for evidence of an appropriate method, e.g. <ul style="list-style-type: none"><li>• <math>1.5 \text{ kg} = 1,500 \text{ g}</math> <math>1,500 \div 50</math></li></ul>	<b>Up to 2m</b>	Answer need not be obtained for the award of <b>ONE</b> mark.  Units must be converted correctly for the award of <b>ONE</b> mark.
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Key Stage 2: 2017 Paper 2 Reasoning

1.

<b>11a</b>	140	<b>1m</b>	The answer is a time interval (see page 14 for guidance).
<b>11b</b>	2	<b>1m</b>	

Key Stage 2: 2017 Paper 3 Reasoning

1.

<b>10</b>	68 (ml) <b>OR</b> 0.068 (l)	<b>1m</b>	<b>Do not</b> accept incorrect units, e.g. 68l <b>OR</b> 0.068 ml.
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Key Stage 2: 2018 Paper 2 Reasoning

1.

<b>3</b>	A point on the line in the range 6.6 cm to 6.8 cm inclusive from A.	<b>1m</b>	
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Key Stage 2: 2018 Paper 2 Reasoning

2.

<b>17</b>	<p>Award <b>THREE</b> marks for the correct answer of 1.7 (litres) or 1,700(ml).</p> <p>If the answer is incorrect, award <b>TWO</b> marks for:</p> <ul style="list-style-type: none"> <li>sight of 6,300 <b>OR</b> 6.3 as evidence of the multiplication completed correctly</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>evidence of an appropriate complete method with no more than one error, e.g.</li> <li><math>28 \times 225 = 6,300</math> 8 litres = 8,000 ml <math>8,000 - 6,300 = 2,700</math> (error)</li> </ul> <p>Award <b>ONE</b> mark for evidence of an appropriate method, e.g.</p> <ul style="list-style-type: none"> <li><math>8,000 - 28 \times 225 =</math></li> </ul>	<b>Up to 3m</b>	<p>Unit need not be given for the award of <b>THREE</b> marks. An incorrect unit is treated as <b>one</b> error.</p> <p>A misread may affect the award of marks. No marks are awarded if there is more than one misread or if the mathematics is simplified.</p> <p><b>TWO</b> marks will be awarded for an appropriate complete method with the misread number followed through correctly.</p> <p><b>ONE</b> mark will be awarded for evidence of an appropriate complete method with the misread number followed through correctly with one arithmetic error.</p> <p>If the answer reached in the first part of the calculation gives an answer greater than 8(L) or 8000(ml) and the smaller value is then subtracted from it, <b>ONE</b> mark may still be available.</p> <p>Answer need not be obtained for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2018 Paper 3 Reasoning

1.

<b>11</b>	<p>Award <b>TWO</b> marks for a correct answer of 275</p> <p><b>OR</b></p> <p>an answer in the range from 270 to 280 inclusive.</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate method, e.g.</p> <ul style="list-style-type: none"> <li><math>150 + 175 = 325</math> <math>600 - 325 =</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>600 - 150 - 165</math> (error) =</li> </ul>	<b>Up to 2m</b>	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p> <p>Accept a reading in the range 170 to 180ml inclusive for the second jug.</p> <p>At least one of the measurements must be correct for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2019 Paper 2 Reasoning

1.

<b>7</b>	<p>2.5 or <math>2\frac{1}{2}</math></p>	<b>1m</b>	<p>Refer to section 6.3 on page 16 for additional guidance on marking answers involving measures.</p>
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