

## Paper 1: Arithmetic

1	7,305	1
2	0	1
3	292	1
4	1,200	1
5	415	1
6	15.08	1
7	30	1
8	168	1
9	5,459	1
10	10,100	1
11	80	1
12	660	1
13	120	1
14	495,000	1
15	4,172	1
16	0.212	1
17	32	2
18	$1\frac{1}{9}$ or $\frac{10}{9}$	1
19	50,381	2
20	13,050	1
21	3 (or equiv. fractions but not $2\frac{3}{3}$ etc.)	1
22	21	1
23	2.877	1
24	$\frac{1}{16}$	1
25	$\frac{5}{6}$	1
26	23.988	1
27	480 (not 480%)	1
28	60 (not 60%)	1
29	42	2
30	92 (not 92%)	1
31	$\frac{11}{62}$	1
32	$1\frac{5}{6}$ or $\frac{11}{6}$	1
33	273,226	2
34	$7\frac{3}{4}$ or $\frac{31}{4}$	1
35	8	1
36	320	1

1	<div> <div>9,206,499</div> <div>9,215,300</div> <div>9,206,504</div> <div>9,215,298</div> <div>9,206,909</div> </div>	1
2	5	1
3	30,000	1
4a	Emma	1
4b	Olivia	1
5	2,300	1
6	2.25	1
7	$\frac{6}{10}$ (or 0.6 or equiv. to $\frac{3}{5}$ )	1
8	<div> <div><math>\frac{5}{8}</math></div> <div><math>\frac{14}{8}</math></div> <div><math>\frac{19}{8}</math></div> <div><math>\frac{23}{8}</math></div> <div><math>\frac{26}{8}</math></div> </div>	1
9	52	1
10	£2.85	2
11	<div> <div>6</div> <div><math>\frac{3}{10} = \frac{\quad}{20}</math></div> <div><math>\frac{12}{15} = \frac{4}{\quad}</math></div> <div>5</div> </div>	1
12	<div> <div>2kg</div> <div>1500g</div> <div>1.4kg</div> <div>300g</div> </div>	1
13	<div> <div>A to B</div> <div>B to C</div> <div>C to D</div> <div>D to E</div> <div>Dev rests for 10 minutes.</div> <div>Dev cycles 1 km in 10 minutes.</div> <div>Dev cycles 3 km in 10 minutes.</div> <div>Dev cycles less than 1 km in 10 minutes.</div> </div>	1
14	50	1
15	<div> <div><math>1 \times 2 \times 3 = 1 + 2 + 3</math></div> <div><math>2 \times 2 \times 2 &gt; 2 + 2 + 2</math></div> <div><math>1 \times 10 \times 10 &gt; 1 + 10 + 10</math></div> <div><math>0 \times 10 \times 10 &lt; 0 + 10 + 10</math></div> <div>one mark for 3 correct</div> </div>	2
16	<div> <div>28.07</div> <div>28.65</div> <div>28.71</div> <div>28.75</div> <div>28.97</div> </div>	1
17	9 or 12 or 18 or 36	1
18	821	2
19	15	1
20	12	1
21a	16	1
21b	30	1
22	4,200	2
23	30	2
24	x = 75 and y = 15 (one mark for one correct)	2
25		2

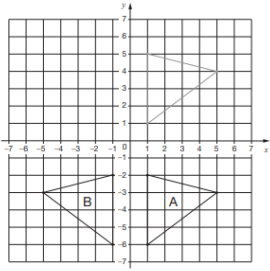
1	8	1
2	<div> <div>24 = 3 × 8</div> <div>28 = 4 × 7</div> <div>30 = 5 × 6</div> </div>	1
3	15 p	2
4	<div> <div> <div><math>\frac{1}{2}</math></div> <div><math>\frac{3}{10}</math></div> <div><math>\frac{3}{4}</math></div> <div><math>\frac{1}{100}</math></div> </div> <div> <div>0.3</div> <div>0.5</div> <div>0.8</div> <div>0.03</div> <div>0.25</div> <div>0.75</div> </div> <div>one mark for 3 correctly matched</div> </div>	2
5	123	2
6a	-7 (not 7-)	1
6b	8 (not -8)	1
7	81,572	2
8	<div> <div>to the nearest 1,000</div> <div>to the nearest 100</div> <div>to the nearest 10</div> <div>8,000</div> <div>7,500</div> <div>7,550</div> <div>one mark for 2 correct</div> </div>	2
9	41,600	1
10	79 p or £0.79	2
11	21 or 22 or 23 or 24 (one mark for more than one correct answer and no incorrect. No decimal numbers)	1
12a	136	1
12b	310 or -90	1
13	$\frac{1}{6}$	1
14	£77.50	1
15a	90	1
15b	b	1
16	<div> <div><math>\frac{1}{4}</math></div> <div><math>\frac{2}{5}</math></div> <div><math>\frac{4}{10}</math></div> <div><math>\frac{5}{10}</math></div> <div><math>\frac{40}{100}</math></div> </div>	2
17	108	2
18	£10.50	2
19	See guidance	1
20	207,300	3
21	(6,3)	1

# Paper 1: Arithmetic (guidance on highlighted questions)

17	<p>Award <b>TWO</b> marks for the correct answer of 32</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of division with no more than <b>ONE</b> arithmetic error, i.e.</p> <ul style="list-style-type: none"> <li>long division algorithm, e.g.</li> </ul> $\begin{array}{r} 32 \text{ r}3 \\ 21 \overline{) 672} \\ \underline{- 630} \\ 42 \text{ (error)} \\ \underline{- 42} \\ 0 \end{array}$ <p>OR</p> $\begin{array}{r} 52 \text{ (error)} \\ 21 \overline{) 672} \\ \underline{- 630} \\ 42 \\ \underline{- 42} \\ 0 \end{array} \quad \begin{array}{l} 30 \times 21 \\ 2 \times 21 \end{array}$ <ul style="list-style-type: none"> <li>short division algorithm, e.g.</li> </ul> $\begin{array}{r} 33 \text{ (error)} \\ 21 \overline{) 672} \end{array}$	Up to 2m	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p>Short division methods <b>must</b> be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm, and be a complete method. The carrying figure <b>must</b> be less than the divisor.</p>
19	<p>Award <b>TWO</b> marks for the correct answer of 50,381</p> <p>If the answer is incorrect, award <b>ONE</b> mark for a formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 607 \\ \times 83 \\ \hline 1821 \\ 48560 \\ \hline 49381 \text{ (error)} \end{array}</math> </li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 607 \\ \times 83 \\ \hline 1822 \text{ (error)} \\ 48560 \\ \hline 50382 \end{array}</math> </li> </ul>	Up to 2m	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 607 \\ \times 83 \\ \hline 1821 \\ 4856 \text{ (place value error)} \\ \hline 6677 \end{array}$

29	<p>Award <b>TWO</b> marks for the correct answer of 42</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal methods of division with no more than <b>ONE</b> arithmetic error, i.e.</p> <ul style="list-style-type: none"> <li>long division algorithm, e.g.</li> </ul> $\begin{array}{r} 41 \text{ r}67 \\ 73 \overline{) 3066} \\ \underline{- 2920} \\ 140 \text{ (error)} \\ \underline{- 73} \\ 67 \end{array}$ <p>OR</p> $\begin{array}{r} 32 \text{ (error)} \\ 73 \overline{) 3066} \\ \underline{- 730} \quad 10 \times 73 \\ 2336 \\ \underline{- 2190} \quad 30 \times 73 \\ 146 \\ \underline{- 146} \quad 2 \times 73 \\ 0 \end{array}$ <ul style="list-style-type: none"> <li>short division algorithm, e.g.</li> </ul> $\begin{array}{r} 41 \text{ r}71 \text{ (error)} \\ 73 \overline{) 3066} \end{array}$	Up to 2m	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p>Short division methods <b>must</b> be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm, and be a complete method. The carrying figure <b>must</b> be less than the divisor.</p>
33	<p>Award <b>TWO</b> marks for the correct answer of 273,226</p> <p>If the answer is incorrect, award <b>ONE</b> mark for a formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 4078 \\ \times 67 \\ \hline 28546 \\ 244680 \\ \hline 273126 \text{ (error)} \end{array}</math> </li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 4078 \\ \times 67 \\ \hline 28544 \text{ (error)} \\ 244680 \\ \hline 273224 \end{array}</math> </li> </ul>	Up to 2m	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 4078 \\ \times 67 \\ \hline 28546 \\ 24468 \text{ (place value error)} \\ \hline 53014 \end{array}$

# Paper 2: Reasoning (guidance on highlighted questions)

4a	Emma	1m	Accept unambiguous abbreviations, e.g. E, or recognisable misspellings.  Accept 1,400 for the award of the mark.	22	Award <b>TWO</b> marks for the correct answer of 4,200  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>750 \div 250 = 3</math> <math>1,150 + 250 = 1,400</math> <math>1,400 \times 3</math></li></ul> <b>OR</b> <ul style="list-style-type: none"><li><math>750 \div 250 = 3</math> <math>1,150 \times 3 = 3,350</math> (error) <math>3,350 + 750</math></li></ul> Award <b>ONE</b> mark for sight of 3450, 3.45 <b>OR</b> 3.450 (as evidence of correctly calculating how much yellow paint is required).	Up to 2m	Answer need not be obtained for the award of <b>ONE</b> mark.				
4b	Olivia	1m	Accept unambiguous abbreviations, e.g. O, or recognisable misspellings.  Accept 1,220 for the award of the mark.	23	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>1.25\text{kg} - 1.1\text{kg} = 0.05\text{kg}</math> (error) <math>1100\text{g} - 920\text{g} = 180\text{g}</math> <math>180 - 50 = 130\text{g}</math></li></ul> <b>OR</b>  Award <b>ONE</b> mark for the correct weight of the banana and the orange, e.g.  0.15(kg) <b>AND</b> 180(g)	Up to 2m	Accept for <b>TWO</b> marks 0.03kg for final answer in working and the answer box blank <b>OR</b> 0.03 in the answer box where the grams has been replaced with kilograms.  Accept for <b>ONE</b> mark 0.03 (g) in the answer box <b>OR</b> as the final answer in working and answer box blank.  Answer need not be obtained for the award of <b>ONE</b> mark.  Any conversion of units must be correct.  <b>Do not</b> award the mark for a method that contains an incorrect conversion, e.g.  $1.25 - 1.1 = 0.16$ (error) $1100 - 920 = 180$ $180 - 16$ (conversion error)				
10	Award <b>TWO</b> marks for the correct answer of (£)2.85  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>190 \div 2 = 85</math> (error) <math>190 + 85</math></li></ul> <b>OR</b> <ul style="list-style-type: none"><li><math>1.90 \times 1.5</math></li></ul>	Up to 2m	Answer need not be obtained for the award of <b>ONE</b> mark.  Accept for <b>ONE</b> mark an answer of (£)285 <b>OR</b> £285p as evidence of an appropriate method.  Refer to section 6.1 on pages 14 and 15 for additional guidance on marking answers involving money.	24	Award <b>TWO</b> marks for the correct answer of $x = 75$ <b>AND</b> $y = 15$  If the answer is incorrect, award <b>ONE</b> mark for evidence of an appropriate method calculating both angles, e.g. <ul style="list-style-type: none"><li><math>180 - 30 = 150</math> <math>150 \div 2 = 70</math> (error) <math>90 - 70</math></li></ul> <b>OR</b>  Award <b>ONE</b> mark for either correct $x$ <b>OR</b> $y$ .	Up to 2m	Answer need not be obtained for the award of <b>ONE</b> mark.  If there is no evidence of an appropriate method and the values for $x$ <b>AND</b> $y$ are incorrect, accept for <b>ONE</b> mark $x + y = 90$ , unless $x$ is between 65–69 (inclusive) <b>AND</b> $y$ is between 21–25 (inclusive).				
12	Masses in correct order, as shown: <div>2kg   1500g   1.4kg   300g</div> heaviest  <b>OR</b>  Accept correct conversions, e.g.  2000g 1500g 1400g 300g  <b>OR</b>  2000 1500 1.4 300	1m	Misreads and transcription errors are <b>not</b> allowed.  Accept with correct units or without units.  Accept masses written in reverse order <b>AND</b> the label heaviest changed to follow suit.	25	Award <b>TWO</b> marks for both triangles correctly drawn, as shown:   Award <b>ONE</b> mark for either: <ul style="list-style-type: none"><li>correct triangle A</li></ul> <b>OR</b> <ul style="list-style-type: none"><li>correct triangle B</li></ul> <b>OR</b> <ul style="list-style-type: none"><li>a correct reflection of an incorrectly translated triangle (maintaining congruency of the original triangle).</li></ul>	Up to 2m	Accept slight inaccuracies in drawing provided the intention is clear. (See page 13 for guidance.)  Ignore any triangles drawn in the 2nd quadrant, unless it is a correct follow-through of triangle A.				
18	Award <b>TWO</b> marks for the correct answer of 821  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>800 \times 2 = 1600</math> <math>511 + 268 = 779</math> <math>1600 - 779</math></li></ul> <b>OR</b> <ul style="list-style-type: none"><li><math>800 - 511 = 289</math> <math>800 - 268 = 542</math> (error) <math>542 + 289</math></li></ul> <b>OR</b> <ul style="list-style-type: none"><li><math>800 - 511 - 268 = 23</math> (error) <math>800 + 23</math></li></ul>	Up to 2m	Answer need not be obtained for the award of <b>ONE</b> mark.	21a	16	1m	If the answer to part b is incorrect, award <b>ONE</b> mark for an answer of: <ul style="list-style-type: none"><li><math>(200 - 5n) \div 4</math></li></ul> Where n represents the answer to part a of the question, the value of n <b>must</b> be between 12 and 18 (inclusive).  Any follow-through fraction or decimal answer must be expressed as an exact value.	21b	30	1m	
20	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 complete method with no more than one arithmetic error, e.g. <ul style="list-style-type: none"><li><math>16 \times 15 = 210</math> (error) <math>10 \times 18 = 180</math> <math>210 + 180 = 390</math> <math>432 - 390 = 42</math></li></ul> <b>OR</b>  Award <b>ONE</b> mark for sight of 420 (as evidence of the sum of the two correct products).	Up to 2m	Misreads are <b>not</b> allowed.								

## Paper 3: Reasoning (guidance on highlighted questions)

3	<p>Award <b>TWO</b> marks for the correct answer of 15(p)</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>30p + 45p + 60p = 135p</math> <math>50p \times 3 = 135p</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>50 - 30 = 20</math> <math>50 - 45 = 5</math> <math>20 + 5 + 50 = 75</math> <math>75 - 60</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>150 - 45 = 95</math> (error) <math>95 - 60 = 35</math> <math>35 - 30</math></li> </ul>	Up to 2m	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p> <p>Accept for <b>ONE</b> mark an answer of 0.15(p) <b>OR</b> £15(p) as evidence of an appropriate method.</p> <p>Refer to section 6.1 on pages 14 and 15 for additional guidance on marking answers involving money.</p>
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5	<p>Award <b>TWO</b> marks for the correct answer of 123</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>87 + 154 + 38 = 279</math> <math>402 - 279</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>87 + 154 + 38 = 269</math> (error) <math>402 - 269</math></li> </ul>	Up to 2m	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p>
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7	<p>Award <b>TWO</b> marks for the correct answer of 81,572</p> <p>Award <b>ONE</b> mark for evidence of an appropriate method, e.g.</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 80,978 \\ + 72,319 \\ \hline 153,297 \end{array}</math> </li> </ul> <p><math>234,869 - 153,297</math></p> <p><b>OR</b></p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 234,869 \\ - 80,978 \\ \hline 153,891 \end{array}</math> </li> </ul> <p><math>153,891 - 72,319</math></p> <p><b>OR</b></p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 234,869 \\ - 72,319 \\ \hline 162,550 \end{array}</math> </li> </ul> <p><math>162,550 - 80,978</math></p> <p><b>OR</b></p> <p>Award <b>ONE</b> mark for sight of 153,297 <b>OR</b> 153,891 <b>OR</b> 162,550</p>	Up to 2m	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p>
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8	<p>Award <b>TWO</b> marks for the correct three numbers, as shown:</p> <p>to the nearest 1,000 <input type="text" value="8,000"/></p> <p>to the nearest 100 <input type="text" value="7,500"/></p> <p>to the nearest 10 <input type="text" value="7,550"/></p> <p>If the answer is incorrect, award <b>ONE</b> mark for <b>any two</b> of the numbers rounded correctly.</p>	Up to 2m	<p><b>Do not</b> accept 500 or 50 for the second and third entries.</p>
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10	<p>Award <b>TWO</b> marks for the correct answer of 79(p) <b>OR</b> (£)0.79</p> <p>If the answer is incorrect, award <b>ONE</b> mark for an appropriate method, e.g.</p> <ul style="list-style-type: none"> <li><math>£4.75 - £1.98 = £2.77</math> <math>£2.77 - £1.98</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>198 \times 2 = 397p</math> (error) <math>£4.75 - 397p</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>£2 \times 2 = £4</math> <math>£4.75 - £4 = 75p</math> <math>75p + 4p</math></li> </ul>	Up to 2m	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p> <p>Accept for <b>ONE</b> mark an answer of 0.79p <b>OR</b> £79(p) as evidence of a correct method.</p> <p>Refer to section 6.1 on pages 14 and 15 for additional guidance on marking answers involving money.</p>
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16	<p>Award <b>TWO</b> marks for three boxes ticked correctly, as shown:</p> <p> <math>\frac{1}{4}</math> <input type="checkbox"/>  <math>\frac{2}{5}</math> <input checked="" type="checkbox"/>  <math>\frac{4}{10}</math> <input checked="" type="checkbox"/>  <math>\frac{6}{10}</math> <input type="checkbox"/>  <math>\frac{40}{100}</math> <input checked="" type="checkbox"/> </p> <p>If the answer is incorrect, award <b>ONE</b> mark for:</p> <ul style="list-style-type: none"> <li>only two boxes ticked correctly and no incorrect boxes ticked.</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>three boxes ticked correctly and one incorrect box ticked.</li> </ul>	Up to 2m	<p>Accept alternative unambiguous positive indication of the correct answer, e.g. Y.</p>
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17	<p>Award <b>TWO</b> marks for the correct answer of 108</p> <p>If the answer is incorrect, award <b>ONE</b> mark for an appropriate method, e.g.</p> <ul style="list-style-type: none"> <li><math>7.5 \times 4 = 30</math> <math>11 \times 4 = 44</math> <math>8.5 \times 4 = 34</math> <math>30 + 44 + 34</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>7.5 + 11 + 8.5 = 27</math> <math>27 \times 4</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>7.5 + 7.5 + 7.5 + 7.5 + 11 + 11 + 11 + 11</math> <math>0.5 + 0.5 + 0.5 + 0.5</math></li> </ul>	Up to 2m	<p>Misreads are <b>not</b> allowed.</p> <p>Answer need not be obtained for the award of <b>ONE</b> mark.</p>
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18	<p>Award <b>TWO</b> marks for the correct answer of (£)10.50</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>70 \times 15 \div 100</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li><math>10 \times 15 \div 100 = £1.50</math> <math>3 \times £1.50 = £4.50</math> <math>£15 - £4.50</math></li> </ul> <p><b>OR</b></p> <p>Award <b>ONE</b> mark for sight of (£)4.50</p>	Up to 2m	<p>Answer need not be obtained for the award of <b>ONE</b> mark.</p> <p>Award <b>ONE</b> mark for a final answer of (£)10.5 <b>OR</b> (£)105 <b>OR</b> (£)1050 as evidence of an appropriate method.</p> <p>Refer to section 6.1 on pages 14 and 15 for additional guidance on marking answers involving money.</p>
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19	<p>Award <b>ONE</b> mark for a correct explanation, e.g.</p> <ul style="list-style-type: none"> <li>It has 3 factors – the prime number, 1 and the square of the prime number.</li> <li>The prime number has 2 factors; the squared prime number will be divisible by one, itself and the prime number.</li> <li>All prime numbers squared have 3 factors.</li> </ul> <p><b>OR</b></p> <p>A correct explanation that gives a counter example, e.g.</p> <ul style="list-style-type: none"> <li>5 is prime <math>5^2 = 25</math> 25 has 3 factors: 1, 5 and 25, not two</li> <li><math>7^2</math> has more than 2 factors – 1, 7 and 49</li> <li><math>121 = 1 \times 121 = 11 \times 11</math></li> <li><math>3^2 = 9</math> <math>9 - 1, 9, 3</math></li> <li><math>5^2 = 25</math> Factors of 25 = 1, 5, 25 All squared primes have 3 factors.</li> </ul>	1m	<p><b>Do not</b> accept vague or incomplete explanations, e.g.</p> <ul style="list-style-type: none"> <li>A square number doesn't have 2 factors (repeat of the question)</li> <li><math>2^2 = 4</math> (incomplete)</li> <li>Prime numbers have 2 factors only (incomplete)</li> <li>Prime numbers squared have more than 2 factors (vague)</li> </ul> <p><b>Do not</b> accept explanations which include incorrect mathematics or incorrect information relevant to the explanation, e.g.</p> <ul style="list-style-type: none"> <li><math>49 = 1, 7, 49</math></li> <li>5 squared is 25 1, 5, 5, 25 25 has four factors</li> <li>All prime numbers squared have more than 3 factors</li> </ul>
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20	<p>Award <b>THREE</b> marks for the correct answer of 207,300</p> <p>If the answer is incorrect, award <b>TWO</b> marks for:</p> <ul style="list-style-type: none"> <li>evidence of an appropriate complete method which contains no more than one error, e.g.</li> </ul> <p> <math display="block">\begin{array}{r} 24,863 \\ 170,932 \\ 282,420 \\ + 350,824 \\ \hline 828,939 \end{array}</math> (error)         </p> <p><math>828,939 \div 4 = 207,234 \text{ r}3</math></p> <p>Rounded to the nearest hundred = 207,200</p> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>sight of 207,259 <b>r3</b> <b>OR</b> 207,259 <math>\frac{3}{4}</math> <b>OR</b> 207,259.75</li> </ul> <p>Award <b>ONE</b> mark for:</p> <ul style="list-style-type: none"> <li>evidence of an appropriate method with more than one error.</li> </ul>	Up to 3m	<p>Answer need not be obtained or rounded for the award of <b>ONE</b> mark.</p> <p>A misread of a number 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 if an appropriate method with the misread number is followed through correctly.</p> <p><b>ONE</b> mark will be awarded for evidence of an appropriate method with the misread number followed through correctly with no more than one error.</p>
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