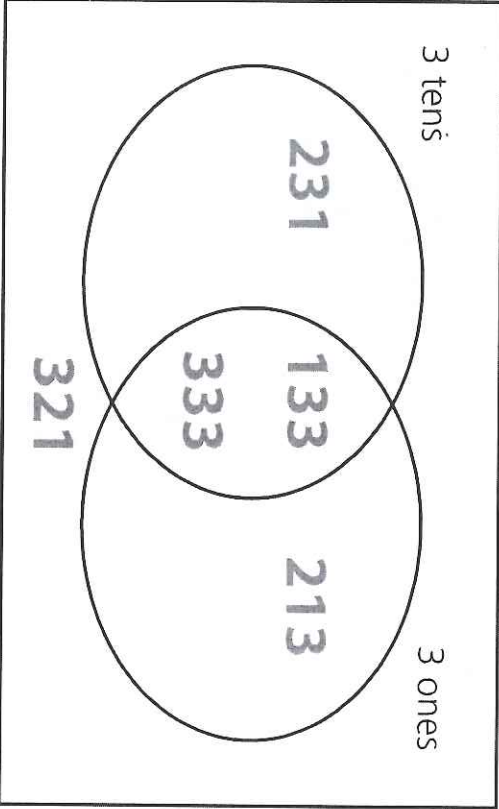
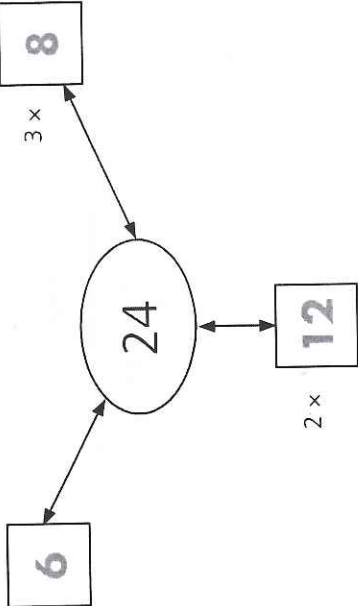
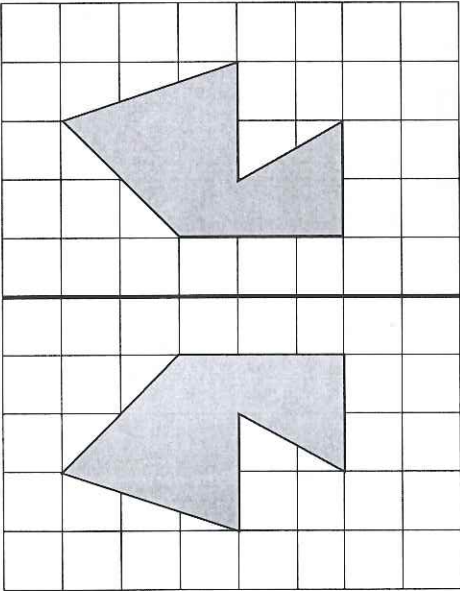


Question number & content domain*	Question & answer	Marking guidance	Mark
1 3N3	This is a sorting diagram for numbers with 3 tens and 3 ones. Write these numbers into the sorting diagram. 321 231 133 213 333 	Award two marks for five correctly placed numbers. Award one mark for three or four correctly placed numbers. Do not accept duplicated numbers.	2

Question number & content domain*	Question & answer	Marking guidance	Mark
2 3C7	Each calculation equals 24 Write in the missing numbers. 	Award two marks for three correct answers. Award one mark for two correct answers.	2
3 3N2b	Work out 10 less than 59,304 59,294		1

*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
4 4G2c	Draw the reflection of the shaded shape in the mirror line.  mirror line	Allow slight inaccuracies in drawing and marking the vertices of the shape; award mark if all vertices are drawn to within 2 mm of the correct point. Lines do not need to be straight.	1
5 4M1	Write these amounts in order, starting with the smallest. 80p 9p smallest £0.89 80p £9 £0.89 £8.90 £8.90 9p £9 largest	Accept a correct conversion of units, e.g. 9p 80p 89p 890p 900p If four amounts are correct, allow transcription error of the fifth amount, e.g. 9p, 80p, £0.98, £8.90, £9 Do not accept reversal of amounts, e.g. £9 £8.90 £0.89 80p 9p	1

*The full content domain codes and descriptions can be found on pages 50–61.

Question & answer		Marking guidance		Mark																
6 4S2	This graph shows the number of ice creams sold in one week. Ice cream sales <table><thead><tr><th>Days of the week</th><th>Number of ice creams sold</th></tr></thead><tbody><tr><td>Mon</td><td>40</td></tr><tr><td>Tue</td><td>75</td></tr><tr><td>Wed</td><td>100</td></tr><tr><td>Thu</td><td>110</td></tr><tr><td>Fri</td><td>120</td></tr><tr><td>Sat</td><td>130</td></tr><tr><td>Sun</td><td>140</td></tr></tbody></table> (a) What was the difference between the greatest and fewest number of ice creams sold during this week? 90 ice creams (b) How many ice creams were sold on Saturday and Sunday altogether? 270 ice creams	Days of the week	Number of ice creams sold	Mon	40	Tue	75	Wed	100	Thu	110	Fri	120	Sat	130	Sun	140			(a) 1 (b) 1
Days of the week	Number of ice creams sold																			
Mon	40																			
Tue	75																			
Wed	100																			
Thu	110																			
Fri	120																			
Sat	130																			
Sun	140																			

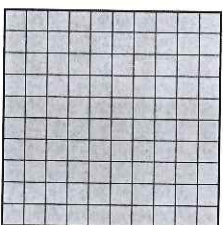
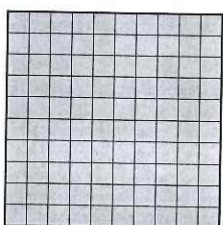
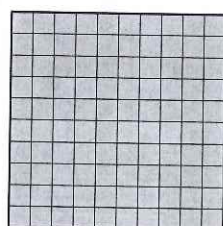
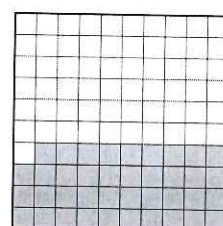
Question number & content domain*	Question & answer	Marking guidance	Mark
7 4C8	A teacher gets the classroom ready for an art lesson. She puts out 5 small paint brushes for every 3 large paint brushes. (a) If she puts out 10 small paint brushes, how many large paint brushes does she put out? 6 large brushes (b) If she puts out 9 large paint brushes, how many small paint brushes does she put out? 15 small brushes (c) The teacher buys some new brushes. Brushes come in packs of 8 The teacher buys 12 packs of brushes. How many new brushes did she buy? 96 brushes		(a) 1 (b) 1 (c) 1

*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
8 4F1	(a) Work out $1 \div \boxed{100} = \frac{1}{100}$ (b) Write the next whole number in this sequence. $\begin{array}{r} 97 \\ \hline 100 \end{array}$ $\begin{array}{r} 98 \\ \hline 100 \end{array}$ $\begin{array}{r} 99 \\ \hline 100 \end{array}$ 1	(a) 1 (b) 1 Do not accept $\frac{100}{100}$	

*The full content domain codes and descriptions can be found on pages 50-61.

Question number & content domain *	Question & answer	Marking guidance	Mark
10 5N3a	5,396,824 (a) Which digit shows the number of hundreds of thousands? 3 (b) What is the value of the digit 6? 6,000 or six thousand	(a) 1 (b) Do not accept 1,000 or thousand.	(a) 1 (b) 1

Question number & content domain*	Question & answer	Marking guidance	Mark
11 5F6b	This drawing represents 1  What decimal number does this drawing represent?    2.39		1

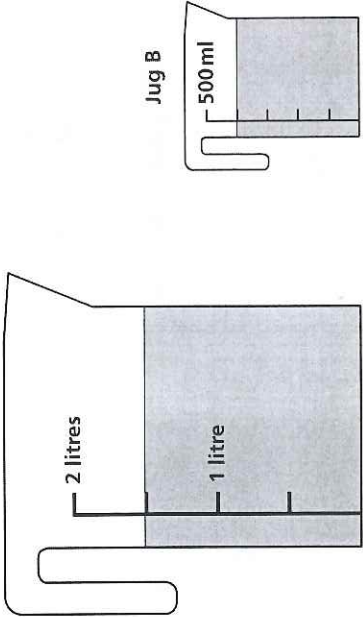
*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
12 5C5a	(a) List all of the factors of 10 1, 2, 5, 10 (b) Write the missing number. 1 and 3 are common factors of 12 and 15	(a) 1 (b) 1	
13 5F2b	These shaded shapes represent fractions. Draw a line to join each equivalent fraction.	All shapes connected correctly for one mark.	1

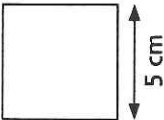
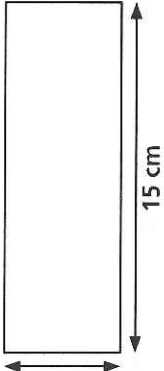
*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
14 5F12	Fay and Izzy sit the same mathematics test. Fay says, ‘I got 60%.’ Izzy says, ‘I got seven out of ten.’ Explain who got the higher score. e.g. Izzy got the higher score because: either seven out of ten = $\frac{7}{10}$ = 70% and 70% > 60% or 60% = $\frac{6}{10}$ (= six out of ten) and $\frac{6}{10}$ or 6 out of 10 < $\frac{7}{10}$ or 7 out of 10	Award one mark for a correct explanation.	1

*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
15 5M5	Jug A and jug B both contain a liquid.  Jug A Jug B How many more litres are there in jug A than in jug B? 1.1(00) litres	Award two marks for a correct answer. Award one mark for sight of either 1500 ml or 400 ml as a correct reading of either scale.	2

*The full content domain codes and descriptions can be found on pages 50-61.

Question number & content domain*	Question & answer	Marking guidance	Mark
16 4M7a 5M7b	This shape is a square.  This shape is a rectangle. 5 cm  (a) Calculate the area of the square. 25 cm² (b) How much longer is the perimeter of the rectangle than the perimeter of the square? 20 cm	Award two marks for a correct answer. Award one mark for a correct method, e.g. $5 \times 4 = 20$ $2 (15 + 5) = 40$ $40 - 20 = \text{wrong answer}$	(a) 1 (b) 2

Question number & content domain*	Question & answer	Marking guidance	Mark																
17 5C8b	A factory makes 640 teddy bears. 520 of the bears are brown. The rest are pink and blue in equal numbers. How many pink teddy bears are there? 60 pink teddy bears	Award two marks for the correct answer. Award one mark for a correct method, e.g. $640 - 520 = 120$ $120 \div 2 = \text{wrong answer}$	2																
18 5S1	This two-way table shows numbers of girls and boys in Years 5 and 6 in a school. <table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th><th>Girls</th><th>Boys</th><th>Total</th></tr> </thead> <tbody> <tr> <td>Year 5</td><td>14</td><td>10</td><td>24</td></tr> <tr> <td>Year 6</td><td>13</td><td>13</td><td>26</td></tr> <tr> <td>Total</td><td>27</td><td>23</td><td>50</td></tr> </tbody> </table> The table is incomplete. There is the same number of girls as boys in Year 6. Use this fact to complete the table.		Girls	Boys	Total	Year 5	14	10	24	Year 6	13	13	26	Total	27	23	50	Award two marks for six correct numbers. Award one mark for four or five correct numbers.	2
	Girls	Boys	Total																
Year 5	14	10	24																
Year 6	13	13	26																
Total	27	23	50																

*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
19 5C8a	Dev says, 'I know 10, 20, 30 and all multiples of 10 are also multiples of 5.' Max then says, 'So all multiples of 5 will have a factor of 10.' Explain why Max is not correct.	Award mark for a counter example, e.g. 5 is a factor of 15, but 10 is not.	1

*The full content domain codes and descriptions can be found on pages 50–61.

Question number & content domain*	Question & answer	Marking guidance	Mark
20 5F4	Different fractions can total $\frac{7}{10}$ Complete these number sentences with two different pairs of numbers. (a) $\frac{\boxed{1}}{5} + \frac{\boxed{5}}{10} = \frac{7}{10}$ (b) $\frac{\boxed{2}}{5} + \frac{\boxed{3}}{10} = \frac{7}{10}$	Award one mark for each correct pair. Do not accept numbers in reverse order. Accept $\frac{3}{5} + \frac{1}{10} = \frac{7}{10}$	(a) 1 (b) 1