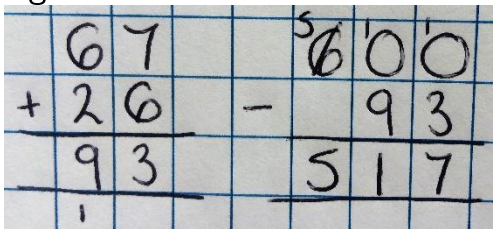
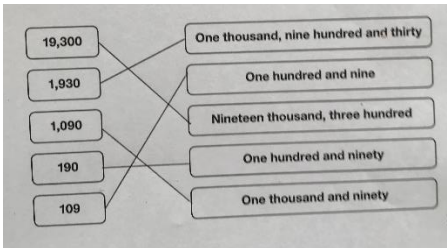
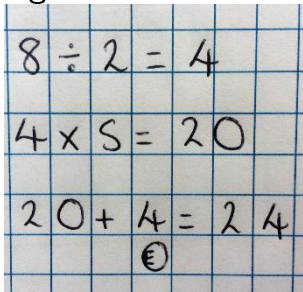
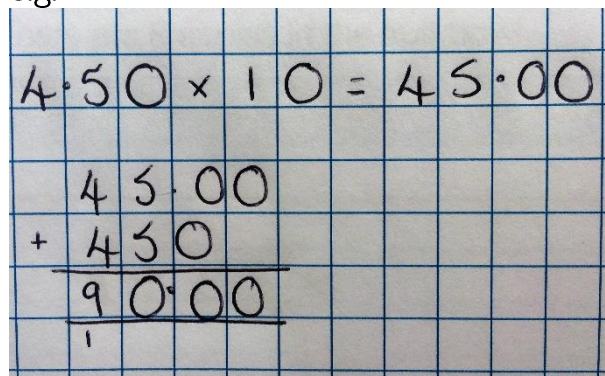
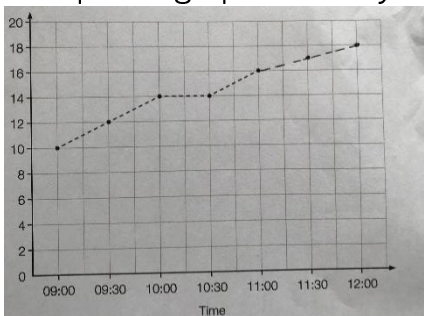


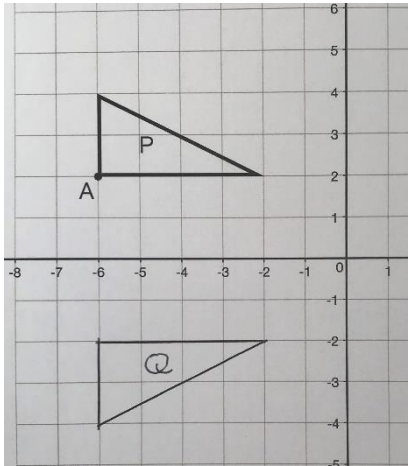
General Marking Principles

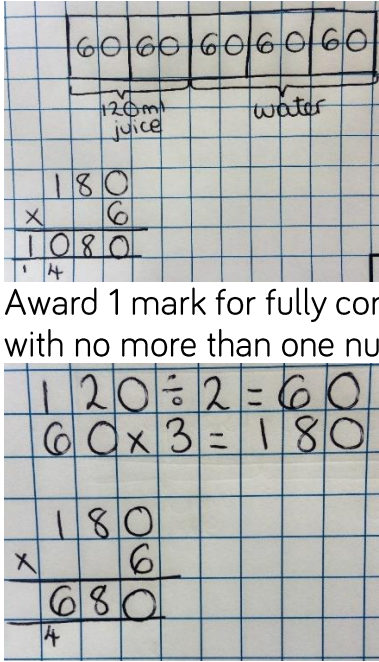
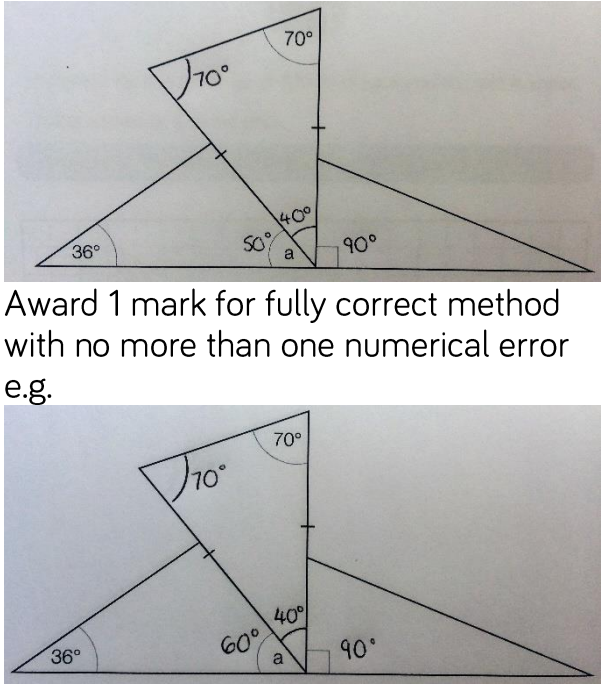
- Allow answers given in words unless otherwise instructed. Ignore spelling errors provided intention is clear.
- For numbers with four or more digits, accept answers with or without a comma or other separator.

Question	Answer	Marks	Notes and guidance
Q1	507	2	<p>Award 2 marks for the correct answer.</p> <p>Award 1 mark for fully correct method with no more than one numerical error e.g.</p> 
Q2		2	Award 1 mark for two or three correct matches
Q 3	28	2	<p>Award 2 marks for the correct answer.</p> <p>Award 1 mark for fully correct method with no more than one numerical error e.g.</p> 
Q 4	Circles 07:55 and 19:55	1	Accept any clear indication – circle, underlined etc.
Q 5	14 : 31	1	Accept 2 : 31 pm

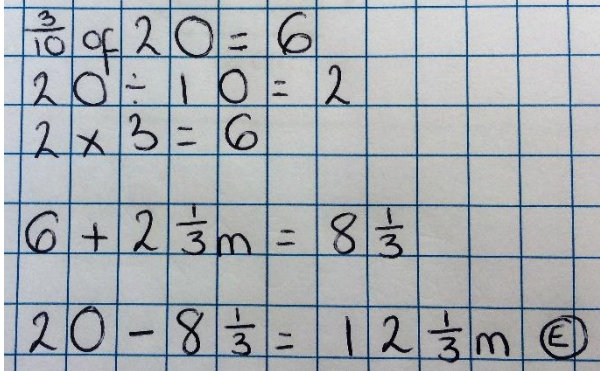
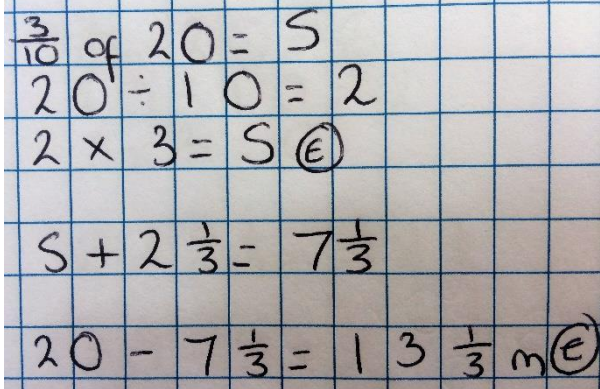
Q 6	$75 = 0.75$ $40\% = 2/5$ $15\% = 15/100$ $50\% = 0.5$	2	Award 1 mark for any two correct answers.

Q 7	$14\frac{2}{3}$	1	
Q 8	14	1	
Q 9	<p>States "Yes" and gives a reason e.g.</p> <ul style="list-style-type: none"> • $4\frac{2}{3} = \frac{14}{3} = \frac{28}{6}$ and 28 is double 14 • Each $\frac{1}{3} = \frac{2}{6}$, so there will be twice as many 	1	
Q 10	£49.50	1	<p>Award 2 marks for the correct answer. Possible methods:</p> <ul style="list-style-type: none"> • $11 \times £4.50 = £49.50$ • $10 \times £4.50 = £45, £45 + £4.50 = £49.50$ <p>Award 1 mark for fully correct method with no more than one numerical error e.g.</p> 
Q 11	<p>Completes graph correctly:</p> 	1	

Q 12	8,660	1	
Q 13	<p>Correct reflection:</p> 	1	
	(1, 5)	1	
Q 14	Shades any 16 triangles	1	
Q 15	Yes – each square is 10%, so each triangle is 5%, so 4 triangles is 20%.	1	Accept any reasonable explanation.
Q 16	0.25	1	
	40	1	
Q 17	4	1	
	<p>Explains working e.g.</p> <ul style="list-style-type: none"> • $132 \div 6 = 22$, $88 \div 22 = 4$ • $\frac{88}{132} = \frac{8}{12} = \frac{4}{6}$ 	1	

Q 18	1,080	2	<p>Award 2 marks for the correct answer. Possible method:</p>  <p>Award 1 mark for fully correct method with no more than one numerical error.</p>
Q19	50	2	<p>Award 2 marks for the correct answer. Possible method:</p>  <p>Award 1 mark for fully correct method with no more than one numerical error e.g.</p>
Q 20	3.5	1	
Q 21	States 2 with reason e.g. "2, because the total is now 12"	2	

<p>Q 22</p>	<p>No</p> <p>15 x15 = 225m squared</p> <p>13 x 25 = 325m squared</p> <p>Total =550m squared</p> <p>350 x 2 = 700</p> <p>700m squared for 10 sheep</p>	<p>3</p>	<p>Award up to 2 marks for correct method with inaccuracies of Calculation.</p>
<p>Q 23</p>	<p>$3x = 3 \times 2 = 6$</p> <p>$2y + 6 = 12$</p> <p>$2y = 6$</p> <p>$Y = 3$</p>	<p>2</p>	<p>Award up to 1 mark for correct method with inaccuracies of Calculation.</p>
<p>Q 24</p>	<p>No</p> <p>An answer which demonstrates an understanding that 2 is a prime number and is regarded as equal, as it can be split into two equivalent integers.</p>	<p>2</p>	<p>Award up to 1 mark for correct answer with an under developed explanation.</p>

Q 25	$11\frac{2}{3}$	<p data-bbox="879 775 1452 813">Award 3 marks for the correct answer.</p> <p data-bbox="879 857 1452 981">Award 2 mark for fully correct method with no more than one numerical error e.g.</p> <div data-bbox="879 981 1481 1350">  <p> $\frac{3}{10}$ of 20 = 6 $20 \div 10 = 2$ $2 \times 3 = 6$ $6 + 2\frac{1}{3}m = 8\frac{1}{3}$ $20 - 8\frac{1}{3} = 12\frac{1}{3}m (\text{€})$ </p> </div> <p data-bbox="798 1323 818 1361">3</p> <p data-bbox="879 1355 1465 1478">Award 1 mark for fully correct method with no more than two numerical errors e.g.</p> <div data-bbox="879 1478 1481 1865">  <p> $\frac{3}{10}$ of 20 = 5 $20 \div 10 = 2$ $2 \times 3 = 5 (\text{€})$ $5 + 2\frac{1}{3} = 7\frac{1}{3}$ $20 - 7\frac{1}{3} = 13\frac{1}{3}m (\text{€})$ </p> </div> <p data-bbox="879 1870 1345 1906">OR correct first step in working.</p>
------	-----------------	---

Q 26	<p>A) One in eight or $\frac{1}{8}$ or equivalent fraction</p> <p>B) Spinner B</p> <p>Demonstrate an understanding that a half is larger than $\frac{3}{8}$— therefore a higher probability of landing on 1.</p>	2	