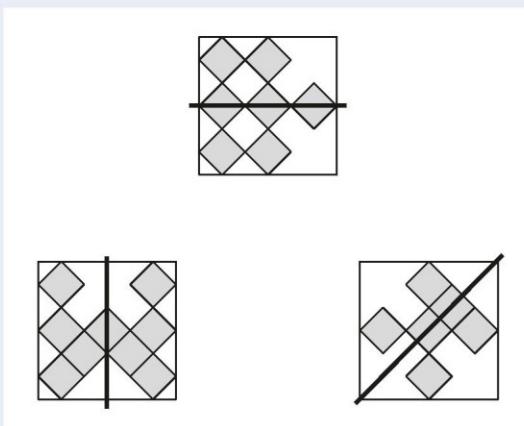


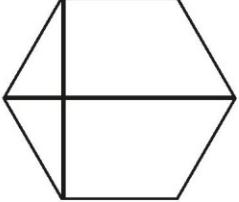
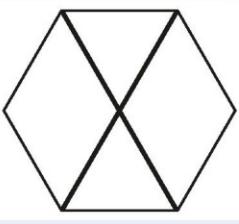
Paper 1

Question	Requirement	Mark	Additional guidance				
1	<p>Award TWO marks for four names correctly placed on the diagram as shown:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Alfie</td> <td>Donna</td> </tr> <tr> <td>Megan</td> <td>Chen</td> </tr> </table> <p>If the answer is incorrect, award ONE mark for three names correctly placed.</p>	Alfie	Donna	Megan	Chen	Up to 2m	<p>Accept unambiguous abbreviations or recognisable misspellings.</p> <p>Do not accept names written in more than one section.</p>
Alfie	Donna						
Megan	Chen						
2	<p>Number circled as shown:</p> <p>525 491 511 408 550</p>	1m	Accept alternative unambiguous indications, eg number ticked, crossed or underlined.				
3	3404	1m					
4	<p>Award TWO marks for three lines of symmetry drawn correctly as shown:</p>  <p>If the answer is incorrect, award ONE mark for two lines of symmetry correctly drawn.</p>	Up to 2m	Accept inaccurate drawing provided the intention is clear.				
5a	35	1m	The answer is a time interval (see page 7 for guidance).				
5b	4:15	1m	The answer is a specific time (see page 7 for guidance).				

Paper 1

Question	Requirement	Mark	Additional guidance
6a	Diagrams completed correctly as shown:	1m	
6b		1m	
7	<p>Award TWO marks for the correct answer of 290</p> <p>If the answer is incorrect, award ONE mark for evidence of appropriate working, eg:</p> <ul style="list-style-type: none"> ■ 110 140 170 200 230 260 290 (320) OR ■ 110 140 170 190 220 250 280 (310) OR ■ $300 + 20 = 320$ $320 - 30 =$ wrong answer 	Up to 2m U1	<p>Working must be carried through to reach an answer for the award of ONE mark.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Not spotting closest number</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">One step size incorrect (170 to 190)</div>
8a	63	1m	
8b	5	1m	

Paper 1

Question	Requirement	Mark	Additional guidance
9a	£7	1m	Accept an answer in the range £6.75 to £7.25 inclusive.
9b	4	1m	Do not accept a list of classes.
10a	<p>Award TWO marks for the correct answer of £7.05</p> <p>If the answer is incorrect, award ONE mark for evidence of appropriate working, eg:</p> <ul style="list-style-type: none"> ■ £20 – £5.45 – £7.50 = wrong answer <p>OR</p> <ul style="list-style-type: none"> ■ £5.45 + £7.50 = £12.95 <p>£20 – £12.95 = wrong answer</p>	Up to 2m	<p>Accept for ONE mark £705 OR £705p as evidence of appropriate working.</p> <p>Working must be carried through to reach an answer for the award of ONE mark.</p>
10b	15	1m	
11a	$X = 125$	1m	
11b	$Y = -75$	1m	Do not accept 75–
12a	Answer in the range 65mm to 69mm inclusive .	1m	
12b	Answer in the range 123° to 127° inclusive .	1m	
13	<p>Diagram completed as shown:</p>  <p>OR</p> 	1m U1	<p>Accept slight inaccuracies in drawing, provided the intention is clear.</p> <p>Diagrams may be completed in any orientation.</p>
14	83.6	1m	

Paper 1

Question	Requirement	Mark	Additional guidance
15	$\boxed{6} \boxed{1} - \boxed{2} \boxed{7} = 34$	1m U1	
16	50p 20p 10p 10p 10p	1m U1	Coins may be given in any order.
17a	1974 OR 1975 OR 1976	1m	
17b	A whole number answer in the range 130 000 to 180 000 inclusive .	1m	
17c	A whole number answer in the range 510 000 to 550 000 exclusive .	1m	Do not accept 510 000 OR 550 000
18	352	1m	Do not accept 352%
19	<p>Award TWO marks for the correct answer of 75</p> <p>If the answer is incorrect, award ONE mark for evidence of appropriate working, eg:</p> <p>■ $125 \div 50 = 2.5$ $2.5 \times 30 =$ wrong answer</p> <p>OR</p> <p>■ 50 g oats 30 g raisins 25 g oats 15 g raisins ($\div 2$) 125 g oats wrong answer ($\times 5$)</p>	Up to 2m	<p>Working must be carried through to reach an answer for the award of ONE mark.</p>
20a	56	1m	
20b	34	1m	If the answers to a and b are incorrect, award ONE mark if their a plus their b = 90° , provided that b is not 45° , 30° or 60° .

Paper 1

Question	Requirement	Mark	Additional guidance
21	<p>Two numbers with a difference of 2, in the range 48 inclusive to 52 exclusive eg:</p> <ul style="list-style-type: none"> ■ 48 AND 50 <p>OR</p> <ul style="list-style-type: none"> ■ 51.9 AND 49.9 <p>OR</p> <p>any pair of numbers that differ from those above by a multiple of 100 and have a difference of 2, eg:</p> <ul style="list-style-type: none"> ■ 149 AND 151 <p>OR</p> <ul style="list-style-type: none"> ■ 648 AND 650 	<p>1m</p> <p>U1</p>	Numbers can be given in either order.
22	38	1m	
23	<p>A counter-example or an explanation that shows Alfie is incorrect, eg:</p> <ul style="list-style-type: none"> ■ 'It doesn't work when one of the numbers is 1' ■ '$1 \times 99 = 99$, and 99 is not less than 99' ■ 'It's not true for zero' ■ '$0 \times 5 = 0$, and 0 is less than 5' ■ 'It doesn't work for fractions less than 1' ■ '$0.5 \times 8 = 4$, and 4 is less than 8' ■ 'If one number is negative and the other is positive, the answer is negative' 	<p>1m</p> <p>U1</p>	<p>No mark is awarded for circling 'No' alone.</p> <p>Do not accept vague or incomplete explanations, eg:</p> <ul style="list-style-type: none"> ■ 'It's not always true' ■ 'It doesn't work when one of the numbers is small' <p>If 'Yes' is circled but a correct, unambiguous explanation is given then award the mark.</p>
24	<p>Award TWO marks for the correct answer of 55p OR £0.55</p> <p>If the answer is incorrect, award ONE mark for evidence of appropriate working, eg</p> <ul style="list-style-type: none"> ■ $\text{£}2.35 - \text{£}1.25 = \text{£}1.10$ ■ $\text{£}1.10 \div 2 = \text{wrong answer}$ 	<p>Up to 2m</p> <p>U1</p>	<p>Accept for ONE mark £55 OR £55p OR 0.55p as evidence of appropriate working.</p> <p>Working must be carried through to reach an answer for the award of ONE mark.</p>