



Past Paper Questions (MS)

Q1.

Paper 1MA1: 3F																		
Question	Working				Answer	Notes												
(a)					8	B1												
(b)	$11 + 4 = 15$ $15 \div 3 = 5$				5	M1 Start of method A1												
(c)	<table border="1"> <tr> <td>in</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>out</td> <td>-4</td> <td>-1</td> <td>2</td> <td>5</td> <td>8</td> </tr> </table>				in	0	1	2	3	4	out	-4	-1	2	5	8	2	M1 For complete method that leads to answer eg. table of values or $x = 3x - 4$ C1 For 2 or for statement that the equation has a unique solution
in	0	1	2	3	4													
out	-4	-1	2	5	8													

Q2.

PAPER: 1MA0 1F				
Question	Working	Answer	Mark	Notes
(a)		11	1	B1 cao
(b)		+ 8 or $\times 3$	1	B1 for + 8 or $\times 3$

Q3.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	38	B1	cao	
(b)	6	M1	starts process to find input using inverse operations eg $28 + 2$ or sight of $+2 \div 5$ or by forming an equation eg $x \times 5 - 2 = 28$	$+2 \div 5$ could be seen in a flow diagram
		A1	cao	

Q4.

Question	Working	Answer	Mark	Notes
(a)		43	B1	cao
(b)		-17	B1	cao
(c)		12	M1	for $(79 - 7) \div 6$; condone missing brackets
			A1	cao



Q5.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	43	B1	cao	
(b)	-20 or $\div 3$	B1	for $\div 3$ or -20 or $\times \frac{1}{3}$ or + -20	

Q6.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	11	B1	cao	
(b)	22	M1 A1	Starts to find input using inverse operations, $41 + 3 (= 44)$ or sight of +3 and +2 or derivation of equation eg $2n - 3 = 41$ cao	+3 and +2 could be seen in a flow diagram Evidence could be provided by algebraic statement, numerical statements or by diagrams

Q7.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	9	B1	cao	
(b)	6	M1 A1	starts to find input using inverse operations eg $154 \div 11 (= 14)$ or indicates $\div 11$ and -8 or derivation of equation eg $(8 + n) \times 11 = 154$ or starting to solve for unknown eg $154 - 8 \times 11 (= 66)$ cao	$\div 11$ and -8 could be seen in a flow diagram Evidence could be provided by algebraic statement, numerical statements or by diagram