Paper: 1MA1/1F				
Question	Working	Answer	Mark	Notes
16 **Q1**		$-\dfrac{1}{2}$	M1 A1	for substitution with operations shown e.g. $1 + -3 \times \dfrac{1}{2}$ **or** $1 - \dfrac{3}{2}$ **or** $1\frac{1}{2}$ **or** $-1\frac{1}{2}$ oe

Paper: 1MA1/1F				
Question	Answer	Mark	Mark scheme	Additional guidance
9 **Q2**	30	M1 A1	$2 \times 9 + 3 \times 4$ cao	May be shown in stages but an intention to add 2×9 and 3×4 must be clear

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
7 **Q3**	35	M1 A1	for 4×8 (=32) cao	Award this mark if used ambiguously eg $4 \times 8 + 3 = 4 \times 11$ as long as 4×8 is stated

Paper: 1MA1/2F				
Question	Answer	Mark	Mark scheme	Additional guidance
11 **Q4**	23	M1 A1	for substitution eg. 7×5 and 3×−4 or 7(5) + 3(−4) cao	7×5 (= 35) and 3×−4 (= −12) may be seen separately but both must be seen for the award of M1

Paper: 1MA1/2F

Question	Answer	Mark	Mark scheme	Additional guidance
15 (a)	−13	M1	for substitution eg 3 × 5 and 4 × –7 **or** 15 and –28	3 × 5 (= 15) and 4 × –7 (= –28) may be seen separately but both must be seen for the award of M1
Q5		A1	cao	35 and 4–7 do not get the mark unless multiplication is shown eg 35 = 15 is evidence of multiplication and should not be seen as choice
(b)	5	M1	for 38 = 3 × 6 + 4y **or** 38 – 18 (=20) **or** for a complete method to make y the subject eg $y = \dfrac{T-3x}{4}$	eg $y = (T-3x) \div 4$
		A1	cao	

Paper: 1MA1/2F

Question	Answer	Mark	Mark scheme	Additional guidance
8 **Q6**	315	M1	for 45 × 7	
		A1	cao	

Paper: 1MA1/1F

Question	Answer	Mark	Mark scheme	Additional guidance
14 **Q7**	19	M1	for a correct substitution, eg (y =) 6 × 4 – 5	
		A1	cao	

Pape: 1MA1/1F				
Que.tion	Answer	Mark	Mark scheme	Additional guidance
17 Q8	18	P1	for process to solve $x - 1 = 2$, eg. $x = 2 + 1$ (= 3) or for $2x = 6$	Can award mark for $3 - 1 = 2$
		P1	for 2×9	
		A1	cao	

Paper: 1MA1/2F				
Question	Answer	Mark	Mark scheme	Additional guidance
28 Q9	6	M1	for $720 \div 40$ (= 18) **or** $720 \div 30$ (= 24)	
		M1	for a complete process eg $(720 \div 30) - (720 \div 40)$ **or** "18" $\times 4/3$ – "18" **or** "24" – "24" $\times 3/4$	
		A1	cao	

Paper: 1MA1/3F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
15 (a)	330	M1	for 4 × 70 + 50 oe	May be seen as sum of four 70s and a 50 n × (70 + 50) or ambiguous working gets 0 marks
		A1	cao	
(b) **Q10**	9	M1	for use of inverse operations eg (680 – 50) ÷ 70 **OR** rearranges an equation to solve eg $70x + 50 = 680$ rearranged to isolate x term. **OR** ft (a) eg ((680 – "330") ÷ 70) + 4	Need not have brackets; can be written in an incorrect order if the intention is clear A correct but embedded answer gets 1 mark
		A1	cao or ft their (a)	