

Easy Linear Equations

Mark Scheme

1.	(a)	6		1	
			<i>B1 for 6</i>		
	(b)	7		1	
			<i>B1 for 7</i>		
					[2]
2.		6		1	
			<i>B1 cao</i>		
					[1]
3.	(a)	$x = 4$		1	
			<i>B1 cao</i>		
	(b)	$y = 7$		2	
		$2y = 13 + 1$			
			<i>M1 for +1 to both sides</i>		
			<i>A1 cao</i>		
					[3]
4.		14		2	
		$61 - 19 = 42$			
		$42 \div 3 = 14$			
			<i>M1 for -19 or 42 seen</i>		
			<i>A1 cao</i>		
					[2]

5.	7 $48 - 4 \times 5 (= 28)$ "28" $\div 4$	<i>MI for $48 - 4 \times 5$ oe</i> <i>MI for "28" $\div 4$</i> <i>AI cao</i>	3	[3]
6.	$4x = 7 + 1$ $= 2$	<i>MI for $4x = 7 + 1$</i> <i>AI cao</i>	2	[2]
7.	(a) 6	<i>BI cao</i>	1	
	(b) 7.5 oe	<i>MI for $2y = 11 + 4$</i> <i>AI for 7.5 oe</i>	2	[3]
8.	(a) 3	<i>BI</i>	1	
	(b) $2\frac{1}{2}$ $2y = 8 - 3$	<i>MI for $2y = 8 - 3$ oe</i> <i>AI</i>	2	[3]
9.	$4x = 16$ 4	<i>MI for $4x = 19 - 3$ oe or $19 - 3 \div 4$</i> <i>AI cao</i>	2	[2]