Q1.	f(x) = 2x + g(x) = cx + fg(x) = 6x - c and d are	· 5					
	Work out tl	he value of d .					
					•••••		
			Answer			[Total 3 marks]	
Q2.	f(x) = 3x						
	Circle the expression for $f^{-1}(x)$						
		- 3 <i>x</i>	$\frac{3}{x}$	1 2 2	<u>x</u> 3		
			х	3X	3	(Total 1 mark)	
Q3. T	his method	shows how you car	n square two-digit n	umbers that end	in the digit 5.		
	Example 35 ²						
		Write down the ten	ns digit	3			
		Add 1 and multiply	$9it 4 \times 3 = 12$				
		Put this answer to	the left of 25	1225			

So $35^2 = 1225$

(a)	Use the same method to work out 75 ² You must show your working.					
	,					
	A.,					
	Answer	(2)				
(b)	Use the method backwards to work out the square root of 4225 You must show your working.					
	Tou must snow your working.					
	Answer					
	(Total 4 n	(2) narks)				
	•	•				