2	1. a) Doman: XER. b) Domain: XER. Range: y = 8, yer.
	c) Domain: -4 = x = 6, xer. Range: -10 = y = 10, yer.
	2. a) Non Function. Domain: -3 = x = 9, xer. Range: -7 = y = 5, yer.
	b) Function. Domain: -8=x=8, xer. Range: -4= y=8, yer.
0	c) NonFunction Domzin & -8 = x = 4, x \in R. Range & -8 = y = 8, y \in R.
	3. a) 10 seconds b) 6.5 seconds

	O) NonFunction Domain : -8 = x = 4, x \in R. Range : -8 = y = 8, y \in R.	
•	3. a) 10 seconds b) 6.5 seconds	
	4. (2) Domain: (x/0,5,10,15,20) c) Domain: Runge: (y/0,1,2,3,4) Runge: (y: 5,6,2,9,4) Runge: (y: 5,6,2,9,4) Runge: (y: 3,1,2,4) Gunction	t) +)
0	b) Domain & (x:1 0, 1, 2, 4) Range : (y: 1 3, 1, 2, 4) Non Function	

	in & (x: 1 0, 3, 1 e 3 (y: 1 6, 1).		
e) Jor	nains (x: 1 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	7 3.6)	
non	No gran	11,0,0)	
	Non Gunction		
5. a)	h(7)	b) WC15,)
	h(x) = 2(x-8)	W(x) =	2x-5.
	h(1) = 2(7-8)	W (15) =	2(15) -1
	h(1) = 2(-1)	W(15)=	30-5
	h(7) = -2	w(15) =	25

d)
$$W(h(a))$$

$$h(a) = 2(2-8) \qquad w(-1a) = 2(-1a) - 5.$$

$$= 2(-6) \qquad = -34 - 5$$

$$= -12.$$
e) $h(3) + \alpha(10) - + (a)$

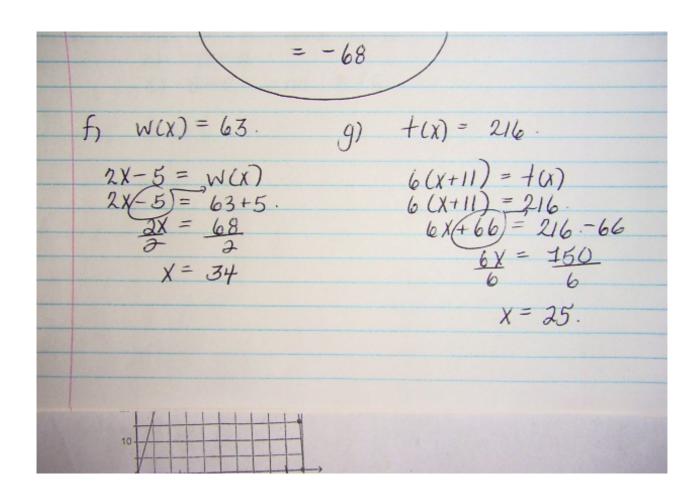
$$h(3) = 2(3-8) + \alpha(10) = 5(10) - 10 \qquad - + (a) = 6(2+11) + (a) = 6(13) + (a) = 78$$

$$\alpha(10) = 40$$

$$\alpha(10) = 20$$

$$(-10 + 20 - 78)$$

$$= -68$$



6. a)
$$\Delta y = \frac{5}{1} = 5$$
.
 $m = 5$ $y = 5x + 15$.
 $b = 15$. $y = 5x + 15$.
 $b = 15$. $y = 5x - 18$
 $m = 5$
 $b = -18$. $y = 5x - 18$
 $m = 5$
 $b = -18$. $y = 5x - 18$
 $m = 5$
 $m = 11$
 $m = 11$

