



Name: _____

Given that $f(x) = 4x$ and $g(x) = 3x - 2$ and $h(x) = 3x^2$:a) Find the value of $f(4)$ **16**g) Find the value of $f(-5)$ **-20**b) Find the value of $g(3)$ **7**h) Find the value of $g(-3)$ **-11**c) Find the value of $g(2)$ **4**i) Find the value of $h(-1)$ **3**d) Find the value of $f(6)$ **24**j) Find the value of $3g(2)$ **12**e) Find the value of $h(10)$ **300**k) Find the value of $5h(2)$ **60**f) Find the value of $g(0)$ **-2**l) Find the value of $2h(-2)$ **24**Given that $f(x) = 5x + 3$ and $g(x) = 4x - 3$ and $h(x) = x^2 - 2$:m) Find the value of x when $f(x) = 38$ **$x = 7$** q) Find the value of x when $g(x) = 39$ **$x = 10.5$** n) Find the value of x when $g(x) = 21$ **$x = 6$** r) Find the **values** of x when $h(x) = 14$ **$x = \pm 4$** o) Find the value of x when $f(x) = -12$ **$x = -3$** s) Find the **values** of x when $h(x) = 47$ **$x = \pm 7$** p) Find the value of x when $g(x) = -7$ **$x = -1$** t) Find the **values** of x when $h(x) = 98$ **$x = \pm 10$** **Exam question:**Given that $f(x) = x^2 - 4x$ finda) $f(10)$ **60**b) Find the **values** of x when $f(x) = 12$ **$x = -2$ or $x = 6$** 