

2)	$\{-1, 2, 5\}$	0 8 16	-1 0 0
4)	$\{-1, 1, 7\}$	-2 0 -5	15 0 6
6)	$\{3, 7, 19\}$	84 21 36	7 $\{-\frac{7}{4}\}$
8)	$\{-4, 2\}$	14 14 50	2 $\{\frac{2}{3}\}$
10)	$\{-2, 2, 8\}$	0 -54 -27	3 $\{6\}$
12)	$\{0\}$	24 66 0	

$$6) h(b) = b^2 + 3 \quad D: \{0, 2, 4\}$$

$$h(0) = 0^2 + 3 = 3$$

$$h(2) = 2^2 + 3 = 7 \quad R: \{3, 7, 19\}$$

$$h(4) = 4^2 + 3 = 19$$

$$12) k(x) = x^3 - 5x^2 + 6x \quad D = \{0, 2, 3\}$$

$$k(0) = (0)^3 - 5(0)^2 + 6(0) = 0$$

$$k(2) = (2)^3 - 5(2)^2 + 6(2)$$

$$= 8 - 20 + 12$$

$$= 0$$

$$k(3) = (3)^3 - 5(3)^2 + 6(3)$$

$$= 27 - 45 + 18$$

$$= 0$$

$$18) k(t) = 3t^2 + 9 \quad 20) h(y) = 3y^2 + 2$$

$$k(5) = 3(5)^2 + 9$$

$$= 75 + 9 = 84$$

$$h(2) = 3(2)^2 + 2$$

$$= 12 + 2 = 14$$

$$k(-2) = 3(-2)^2 + 9$$

$$= 12 + 9 = 21$$

$$h(-2) = 3(-2)^2 + 2$$

$$= 12 + 2 = 14$$

$$k(-3) = 3(-3)^2 + 9$$

$$= 27 + 9 = 36$$

$$h(-4) = 3(-4)^2 + 2$$

$$= 48 + 2 = 50$$

$$24) g(t) = 5t^2 - 7t$$

$$g(3) = 5(3)^2 - 7(3)$$

$$= 45 - 21 = 24$$

$$g(-3) = 5(-3)^2 - 7(-3)$$

$$= 45 + 21 = 66$$

$$g(0) = 5(0)^2 - 7(0) = 0$$

$$26) m(y) = y(1 - 2y)$$

$$m(-\frac{1}{2}) = -\frac{1}{2}(1 - 2(-\frac{1}{2}))$$

$$= -\frac{1}{2}(1 + 1) = -\frac{1}{2}(2) = -1$$

$$m(\frac{1}{2}) = \frac{1}{2}(1 - 2(\frac{1}{2}))$$

$$\frac{1}{2}(1 - 1) = \frac{1}{2}(0) = 0$$

$$m(0) = 0(1 - 2(0))$$

$$= 0$$