

Solucion Quiz de
Matematicas

1)

x	y
0	-1
1/2	0/4
1	3
3/2	23/4
2	

$$f(x) = 0^2 + 3 \cdot 0 - 1 =$$

$$f(x) = 0 + 0 - 1 = -1$$

$$f(x) = 0 - 1 = -1$$

$$f(x) = \frac{1}{2}^2 + 3 \cdot \frac{1}{2} - 1 =$$

$$f(x) = \frac{1}{4} + \frac{3}{2} - 1 =$$

$$f(x) = \frac{1}{4} + \frac{6}{4} - \frac{4}{4} = \frac{3}{4}$$

$$f(x) = 1^2 + 3 \cdot 1 - 1 =$$

$$f(x) = 1 + 3 - 1 =$$

$$f(x) = 4 - 1 = 3$$

$$f(x) = \frac{3}{2}^2 + 3 \cdot \frac{3}{2} - 1 =$$

$$f(x) = \frac{9}{4} + \frac{9}{2} - \frac{1}{1} =$$

$$f(x) = \frac{9}{4} + \frac{18}{4} - \frac{4}{4} =$$

$$f(x) = \frac{23}{4}$$

x	y
0	1
1/2	1/4
1	1/2
3/4	3/4

$$f(x) = \frac{0}{2} + 1 =$$

$$f(x) = 0 + 1 = 1$$

$$f(x) = \frac{1}{2} + \frac{1}{2} = \frac{1}{4}$$

$$f(x) = \frac{3/2}{2} + \frac{1}{2} = \frac{3}{4}$$

$$f(x) = \frac{3}{2} + \frac{1}{2} = \frac{3}{4}$$

$$4 \quad f(x) = 1/2 + 3 = 3, 5$$

$$f(x) = 7/2 + 3 = 6, 5$$

$$5 \quad f(0) = 0^2 - 1$$

$$= -1$$