

1

x	y
0	-1
1/2	0.75
1	3
3/2	5.75
2	9

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

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

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

$$= 0.25 + 3 \cdot 1/2 - 1$$

$$= 0.75$$

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

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

$$= 2.25 + 3 \cdot 3/2 - 1$$

$$= 5.75$$

$$2 = f(2) = 2^2 + 3 \cdot 2 - 1 = 9$$

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

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

$$1/2 = f(1/2) = \frac{1/2}{2} + 1 = 1.25$$

$$1/2 = f(1/2) = 1/2 + 3 = 3.5$$

$$f(7/2) = 7/2 + 3 = 6.5$$

$$5 = f(0) = 0 - 1$$

$$= -1$$

2

x	y
0	1
1/2	1.25
1	1.5
3/2	1.75

$$1 = f(1) = \frac{1}{2} + 1 = 1.5$$

$$3/2 = f(3/2) = \frac{3/2}{2} + 1 = 1.75$$