

An average rate of change

The formula for calculating an average rate of change for an interval is shown below:

$$f(x) = x^2 + 2; [-1, 0]$$

$$f(x) = 2x^2 + 2; [-1, 0]$$

$$f(x) = -2x^2 + 1; [0, 1]$$

$$f(x) = 2x^2 + 1; [0, 1]$$

$$f(x) = x^2 + 1; [-2, -1]$$

$$f(x) = -x^2 + 1; [-1, 2]$$