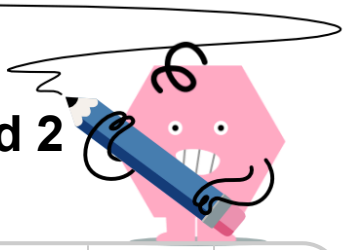
Name

Average Rate of Change - Function and 2 X-Coordinates to Slope



1 Find the average rate of change of this function between the two x-values.

$$f(x) = 3x^2$$
$$f(1) = ?$$
$$f(2) = ?$$

A 10.7 | B 0.1 | C 9 | D -9

2 Find the average rate of change of this function between the two x-values.

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

A 0.9 | B 2 | C -4 | D -2 | E 0.5

3 Find the average rate of change of this function between the two x-values.

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

A -0.7 | B -1.5 | C -3.4 | D 1.5

4 Find the average rate of change of this function between the two x-values.

$$f(x) = 3x + 2$$
$$f(0) = ?$$
$$f(1) = ?$$

A 0.3 | B 4.2 | C -3 | D 3

5 Find the average rate of change of this function between the two x-values.

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

A 0 | B 2.7 | C -2.3 | D -0.7

6 Find the average rate of change of this function between the two x-values.

$$f(x) = \frac{3}{x}$$
$$f(2) = ?$$
$$f(3) = ?$$

A -2 | B 1.1 | C -0.5 | D 0.5

7 Find the average rate of change of this function between the two x-values.

$$f(x) = x - 1$$
$$f(-1) = ?$$
$$f(-2) = ?$$

A -1.6 | B 1 | C -1 | D -1.1

8 Find the average rate of change of this function between the two x-values.

$$f(x) = 3x - 1$$
$$f(0) = ?$$
$$f(-2) = ?$$

A 3 | B 0 | C -3 | D -6 | E 0.3