Average Rate of Change · 1

Find the average rate of change of $f(x) = -2x^2 - 5x - 6$ on the interval $[-3, 1]$.

Average Rate of Change · 2

Find the average rate of change of $f(x) = -2x^2 - 4x$ on the interval $[-1, 4]$.

Average Rate of Change · 3

Find the average rate of change of $f(x) = 2x^2 - 4x$ on the interval $[-4, -2]$.

Average Rate of Change · 4

Find the average rate of change of $f(x) = 3x^2 + 4x + 7$ on the interval $[2, 5]$.

Average Rate of Change · 5

Find the average rate of change of $f(x) = -3x^2 - 4x + 4$ on the interval $[3, 4]$.

Average Rate of Change · 6

Find the average rate of change of $f(x) = -2x^2 - 3$ on the interval $[-2, 0]$.

Average Rate of Change · 7

Find the average rate of change of $f(x) = x^2 - 8$ on the interval $[-3, -1]$.

Average Rate of Change · 8

Find the average rate of change of $f(x) = 2x^3 - 2x^2 - 4x + 5$ on the interval $[-3, -2]$.

Average Rate of Change · 2

ANSWER

-10

Average Rate of Change · 1

ANSWER

-1

Average Rate of Change · 4

ANSWER

25

Average Rate of Change · 3

ANSWER

-16

Average Rate of Change · 6

ANSWER

4

Average Rate of Change · 5

ANSWER

-25

Average Rate of Change · 8

ANSWER

44

Average Rate of Change · 7

ANSWER

-4

Average Rate of Change · 9

Find the average rate of change of $f(x) = 2x^2 - x + 3$ on the interval $[-4, -1]$.

Average Rate of Change · 10

Find the average rate of change of $f(x) = -3x^2 - x - 5$ on the interval $[2, 6]$.

Average Rate of Change · 11

Find the average rate of change of $f(x) = -2x^2 + 2x + 7$ on the interval $[-1, 3]$.

Average Rate of Change · 12

Find the average rate of change of $f(x) = x^2 - 2x + 9$ on the interval $[0, 4]$.

Average Rate of Change · 13

Find the average rate of change of $f(x) = -2x^2 + 2x + 6$ on the interval $[0, 2]$.

Average Rate of Change · 14

Find the average rate of change of $f(x) = -3x^2 - 6$ on the interval $[0, 4]$.

Average Rate of Change · 15

Find the average rate of change of $f(x) = -x^2 + 3x - 2$ on the interval $[2, 6]$.

Average Rate of Change · 16

Find the average rate of change of $f(x) = 2x^3 - 3x^2 - x - 9$ on the interval $[-2, -1]$.

Average Rate of Change · 10

ANSWER

-25

Average Rate of Change · 9

ANSWER

-11

Average Rate of Change · 12

ANSWER

2

Average Rate of Change · 11

ANSWER

-2

Average Rate of Change · 14

ANSWER

-12

Average Rate of Change · 13

ANSWER

-2

Average Rate of Change · 16

ANSWER

22

Average Rate of Change · 15

ANSWER

-5

Average Rate of Change · 17

Find the average rate of change of $f(x) = x^3 + 2x^2 + 3x - 8$ on the interval $[-2, -1]$.

Average Rate of Change · 18

Find the average rate of change of $f(x) = 2x^2 - 4x - 9$ on the interval $[-4, 1]$.

Average Rate of Change · 19

Find the average rate of change of $f(x) = -3x^2 + 4x - 2$ on the interval $[-1, 1]$.

Average Rate of Change · 20

Find the average rate of change of $f(x) = 2x^2 + 2x + 2$ on the interval $[-1, 0]$.

Average Rate of Change · 21

Find the average rate of change of $f(x) = -3x^2 + 2x - 6$ on the interval $[0, 5]$.

Average Rate of Change · 22

Find the average rate of change of $f(x) = -x^2 - 5x + 9$ on the interval $[1, 2]$.

Average Rate of Change · 23

Find the average rate of change of $f(x) = 3x^2 - x + 4$ on the interval $[-2, 2]$.

Average Rate of Change · 24

Find the average rate of change of $f(x) = 3x^2 + x + 7$ on the interval $[1, 3]$.

Average Rate of Change · 18

ANSWER

-10

Average Rate of Change · 17

ANSWER

4

Average Rate of Change · 20

ANSWER

0

Average Rate of Change · 19

ANSWER

4

Average Rate of Change · 22

ANSWER

-8

Average Rate of Change · 21

ANSWER

-13

Average Rate of Change · 24

ANSWER

13

Average Rate of Change · 23

ANSWER

-1