

Average Rate of Change

Find the average rate of change on the given interval

1. $f(x) = 10x - 3$ on $[-2, 5]$

2. $f(x) = 2x^2 - 5$ on $[-1, 3]$

3. $g(t) = \frac{1}{t-2}$ on $[-2, 5]$

4. $h(x) = 5x^3$ on $[-2, 4]$

5. $f(x) = 2x^2 - 5$ on $[-2, b]$

6. $g(t) = \frac{1}{t-5}$ on $[-2, b]$

7. $f(x) = 2x^2 - 5$ on $[-3, -3 + h]$

8. $f(x) = 10x - 3$ on $[x, x + h]$