Average value

Name _____ Date _____

1. the average value of $f(x) = 2x^2 + 6x + 1$ from $x = 2$ to $x = 4$: _____

2. the average value of $f(x) = 3x^2 - 5x - 5$ from $x = 0$ to $x = 4$: _____

3. the average value of $f(x) = 2x^2 - 6x + 2$ from $x = 0$ to $x = 5$: _____

4. the average value of $f(x) = 3x^2 + 4x + 3$ from $x = 1$ to $x = 5$: _____

5. the average value of $f(x) = 2x^2 - 5x - 3$ from $x = -1$ to $x = 1$: _____

Average value

6. the average value of $f(x) = 2x^2 + 6x - 4$ from $x = 1$ to $x = 4$: _____

7. the average value of $f(x) = -3x^2 - x + 8$ from $x = 1$ to $x = 2$: _____

8. the average value of $f(x) = -x^2 - x + 7$ from $x = 1$ to $x = 3$: _____

9. the average value of $f(x) = -x^2 + 2x - 3$ from $x = -2$ to $x = 1$: _____

10. the average value of $f(x) = x^2 - 4x$ from $x = 2$ to $x = 3$: _____