



Name: _____

Date: _____

Functions Review

Solve for x. Show your work.

1. $f(x) = 3x^2 + -3x + 9$, , $f(-3)$

2. $f(x) = 2x - 6$, , $f(x) = -2$

3. $f(x) = 5x + 5$, , $f(x) = 20$

4. $f(x) = 4x - 6$, , $f(x) = -6$

5. $f(x) = 1x^2 + 4x + 3$, , $f(1)$

6. $f(x) = 5x - 10$, , $f(x) = -10$

7. $f(x) = 3x + 9$, , $f(x) = 21$

8. $f(x) = 3x^2 + -1x + 5$, , $f(-1)$



Functions Review – Answer Key

1. $f(x) = 3x^2 + -3x + 9$, , $f(-3)$
45

2. $f(x) = 2x - 6$, , $f(x) = -2$
2

3. $f(x) = 5x + 5$, , $f(x) = 20$
3

4. $f(x) = 4x - 6$, , $f(x) = -6$
0

5. $f(x) = 1x^2 + 4x + 3$, , $f(1)$
8

6. $f(x) = 5x - 10$, , $f(x) = -10$
0

7. $f(x) = 3x + 9$, , $f(x) = 21$
4

8. $f(x) = 3x^2 + -1x + 5$, , $f(-1)$
9