

3.56 Evaluate Function Given Equation v3

Name \_\_\_\_\_

Date \_\_\_\_\_

5) Given  $f(x) = 4x^2 + 5x - 3$ , find  $f(-3)$ .

**Find the value of the function.**

1) Given  $f(x) = -17x - 2$ , find  $f(18)$ .

6) Given  $f(x) = \frac{3}{x+2}$ , find  $f(2)$ .

2) Given  $f(x) = -|x + 5|$ , find  $f(-8)$ .

7) Given  $f(x) = \sqrt{x - 2}$ , find  $f(1)$ .

3) Given  $f(x) = 2x^2 + 6x + 5$ , find  $f(-4)$ .

8) Given  $f(x) = \frac{1}{2}x + 5$ , find  $f(-3)$ .

4) Given  $f(x) = x^2 - 5x + 7$ , find  $f(-3)$ .

## Answer Key

Testname: 03-05CARSONFUNCTIONDOMAINRANGEV03

1) -308

2) -3

3) 13

4) 31

5) 18

6)  $\frac{3}{4}$

7) Undefined

8)  $\frac{7}{2}$