

Name \_\_\_\_\_

Date \_\_\_\_\_

### Evaluating Expressions

1)  $3x + 2$  for  $x = 4$

2)  $2x - 8$  for  $x = 2$

3)  $2x + 6$  for  $x = -2$

4)  $4x + 5$  for  $x = -4$

5)  $4x + 3$  for  $x = -6$

6)  $-3x + 4$  for  $x = -3$

7)  $-2x + 7$  for  $x = -4$

8)  $-2x - 5$  for  $x = -3$

9)  $-2x - 4$  for  $x = -3$

10)  $-x + 5$  for  $x = -3$

11)  $-x - 8$  for  $x = -4$

12)  $-x + 4$  for  $x = 2$

13)  $-\frac{1}{2}x - 9$  for  $x = -4$

14)  $\frac{1}{2}x - 8$  for  $x = -6$

15)  $-\frac{1}{3}x + 3$  for  $x = 12$

Determine if the given value is a solution of the equation.

1)  $3x - 5 = -7$  for  $x = -3$

2)  $-2x + 3 = 15$  for  $x = -4$

3)  $-2x + 5 = 13$  for  $x = -4$

4)  $5x - 3 = -13$  for  $x = -2$

5)  $-3x + 5 = 9$  for  $x = -1$

6)  $-2x - 2 = -8$  for  $x = 3$

7)  $-4x - 2 = -14$  for  $x = 3$

8)  $-\frac{1}{2}x + 4 = 9$  for  $x = -10$

9)  $-5x + 4 = -12$  for  $x = 2$

10)  $\frac{1}{2}x - 10 = -14$  for  $x = -8$