

# Skills Practice

## Add Linear Expressions

Add. Use models if needed.

1.  $(5x + 7) + (x + 2)$

2.  $(-6x + 3) + (x - 7)$

3.  $(-x + 12) + (-4x + 2)$

4.  $(-5x + 3) + (-7x - 1)$

5.  $(-x + 3) + (4x - 10)$

6.  $(5x + 4) + (-8x - 2)$

7.  $(-7x + 1) + (4x - 5)$

8.  $(6x - 2) + (-x + 5)$

9.  $(-9x + 1) + (-7x + 8)$

10.  $(-3x - 9) + (4x + 8)$

11.  $(-9x - 12) + (x - 8)$

12.  $(14x + 7) + (-3x + 2)$

13.  $(2x - 1) + (-3x + 7)$

14.  $(-5x + 4) + (-9x - 2)$

15.  $(11x + 2) + (-8x - 2)$

16.  $(-9x - 10) + (-5x - 4)$

17. Find the sum of  $(10x + 3)$  and  $(-4x - 2)$ .

18. Find the sum of  $(x + 3)$  and  $(-x - 4)$ .

19. **GEOMETRY** Write and simplify an expression to represent the perimeter of the triangle shown. Then find the value of  $x$  if the perimeter is 45 feet.

