

## Multiplying Factors (D)

Find the product of each pair of factors.

1.  $(x - 1)(x - 1)$

11.  $(-x - 7)(-x + 4)$

2.  $(-x + 9)(-x - 9)$

12.  $(-x - 7)(-x + 4)$

3.  $(-x - 9)(-x - 2)$

13.  $(x - 8)(-x - 8)$

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

14.  $(-x + 2)(x - 1)$

5.  $(-x - 4)(x - 2)$

15.  $(-x - 8)(-x - 9)$

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

16.  $(x + 5)(-x + 2)$

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

17.  $(-x + 7)(-x + 3)$

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

18.  $(-x + 7)(x + 1)$

9.  $(-x - 5)(-x + 8)$

19.  $(x + 4)(x - 9)$

10.  $(-x - 7)(x + 9)$

20.  $(x + 5)(x - 1)$

## Multiplying Factors (D) Answers

Find the product of each pair of factors.

1.  $(x - 1)(x - 1)$   
 $x^2 - 2x + 1$

2.  $(-x + 9)(-x - 9)$   
 $x^2 - 81$

3.  $(-x - 9)(-x - 2)$   
 $x^2 + 11x + 18$

4.  $(x + 8)(-x + 6)$   
 $-x^2 - 2x + 48$

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

6.  $(x - 8)(x + 2)$   
 $x^2 - 6x - 16$

7.  $(-x - 9)(-x + 1)$   
 $x^2 + 8x - 9$

8.  $(x + 2)(x - 2)$   
 $x^2 - 4$

9.  $(-x - 5)(-x + 8)$   
 $x^2 - 3x - 40$

10.  $(-x - 7)(x + 9)$   
 $-x^2 - 16x - 63$

11.  $(-x - 7)(-x + 4)$   
 $x^2 + 3x - 28$

12.  $(-x - 7)(-x + 4)$   
 $x^2 + 3x - 28$

13.  $(x - 8)(-x - 8)$   
 $-x^2 + 64$

14.  $(-x + 2)(x - 1)$   
 $-x^2 + 3x - 2$

15.  $(-x - 8)(-x - 9)$   
 $x^2 + 17x + 72$

16.  $(x + 5)(-x + 2)$   
 $-x^2 - 3x + 10$

17.  $(-x + 7)(-x + 3)$   
 $x^2 - 10x + 21$

18.  $(-x + 7)(x + 1)$   
 $-x^2 + 6x + 7$

19.  $(x + 4)(x - 9)$   
 $x^2 - 5x - 36$

20.  $(x + 5)(x - 1)$   
 $x^2 + 4x - 5$