Multiplying Factors (J)

Find the product of each pair of factors.

1. $(x + 2)(x + 9)$
2. $(x + 7)(x - 2)$
3. $(x + 5)(x + 7)$
4. $(x - 9)(x - 4)$
5. $(x + 3)(x - 3)$
6. $(x - 6)(x - 3)$
7. $(x - 7)(x - 3)$
8. $(x + 4)(x + 9)$
9. $(x - 7)(x + 6)$
10. $(x - 8)(x - 4)$
11. $(x + 5)(x + 7)$
12. $(x - 4)(x - 7)$
13. $(x + 1)(x + 1)$
14. $(x - 3)(x + 8)$
15. $(x - 4)(x - 7)$
16. $(x - 1)(x - 7)$
17. $(x + 6)(x - 2)$
18. $(x + 5)(x + 3)$
19. $(x - 9)(x + 3)$
20. $(x - 9)(x - 7)$

Multiplying Factors (J) Answers

Find the product of each pair of factors.

1. $(x + 2)(x + 9)$
   $x^2 + 11x + 18$

2. $(x + 7)(x - 2)$
   $x^2 + 5x - 14$

3. $(x + 5)(x + 7)$
   $x^2 + 12x + 35$

4. $(x - 9)(x - 4)$
   $x^2 - 13x + 36$

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

6. $(x - 6)(x - 3)$
   $x^2 - 9x + 18$

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

8. $(x + 4)(x + 9)$
   $x^2 + 13x + 36$

9. $(x - 7)(x + 6)$
   $x^2 - x - 42$

10. $(x - 8)(x - 4)$
    $x^2 - 12x + 32$

11. $(x + 5)(x + 7)$
    $x^2 + 12x + 35$

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

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

14. $(x - 3)(x + 8)$
    $x^2 + 5x - 24$

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

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

17. $(x + 6)(x - 2)$
    $x^2 + 4x - 12$

18. $(x + 5)(x + 3)$
    $x^2 + 8x + 15$

19. $(x - 9)(x + 3)$
    $x^2 - 6x - 27$

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