Multiplying Factors (D)

Find the product of each pair of factors.

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

Multiplying Factors (D) Answers

Find the product of each pair of factors.

1. $(x - 7)(x + 7)$
   $x^2 - 49$

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

3. $(x + 3)(x + 2)$
   $x^2 + 5x + 6$

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

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

6. $(x - 8)(x + 7)$
   $x^2 - x - 56$

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

8. $(x + 7)(x - 5)$
   $x^2 + 2x - 35$

9. $(x + 7)(x + 8)$
   $x^2 + 15x + 56$

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

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

12. $(x + 8)(x - 7)$
    $x^2 + x - 56$

13. $(x + 6)(x + 6)$
    $x^2 + 12x + 36$

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

15. $(x + 1)(x + 7)$
    $x^2 + 8x + 7$

16. $(x - 3)(x + 2)$
    $x^2 - x - 6$

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

18. $(x - 6)(x - 2)$
    $x^2 - 8x + 12$

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

20. $(x - 8)(x - 3)$
    $x^2 - 11x + 24$