Multiplying Factors (I)

Find the product of each pair of factors.

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

Multiplying Factors (I) Answers

Find the product of each pair of factors.

1. $(x + 6)(x + 5)$
   $x^2 + 11x + 30$

2. $(x - 5)(x - 5)$
   $x^2 - 10x + 25$

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

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

5. $(x - 8)(x - 2)$
   $x^2 - 10x + 16$

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

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

8. $(x + 9)(x + 5)$
   $x^2 + 14x + 45$

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

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

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

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

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

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

15. $(x - 6)(x - 5)$
    $x^2 - 11x + 30$

16. $(x + 2)(x + 2)$
    $x^2 + 4x + 4$

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

18. $(x + 3)(x - 7)$
    $x^2 - 4x - 21$

19. $(x + 6)(x + 4)$
    $x^2 + 10x + 24$

20. $(x - 1)(x - 5)$
    $x^2 - 6x + 5$