Multiplying Factors (H)

Find the product of each pair of factors.

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

Multiplying Factors (H) Answers

Find the product of each pair of factors.

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

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

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

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

5. $(x + 1)(x + 8)$
   $x^2 + 9x + 8$

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

7. $(x + 2)(x + 1)$
   $x^2 + 3x + 2$

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

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

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

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

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

13. $(x - 3)(x - 1)$
    $x^2 - 4x + 3$

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

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

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

17. $(x + 5)(x + 2)$
    $x^2 + 7x + 10$

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

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

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