Multiplying Factors (A)

Find the product of each pair of factors.

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

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

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

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

5. $(x + 9) (x + 3)$

6. $(x - 5) (x - 1)$

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

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

9. $(x - 1) (x + 6)$

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

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

12. $(x + 6) (x - 3)$

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

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

15. $(x + 7) (x + 4)$

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

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

18. $(x + 6) (x + 7)$

19. $(x + 2) (x + 1)$

20. $(x - 4) (x + 4)$

Multiplying Factors (A) Answers

Find the product of each pair of factors.

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

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

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

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

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

13. $(x + 5) (x - 9)$
    $x^2 - 4x - 45$

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

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

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

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

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

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

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

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

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

18. $(x + 6) (x + 7)$
    $x^2 + 13x + 42$

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

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

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

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