

Multiplying Factors (B)

Find the product of each pair of factors.

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

11. $(x + 7)(x + 5)$

2. $(x - 4)(x + 1)$

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

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

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

4. $(x - 1)(x - 9)$

14. $(x + 9)(x + 8)$

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

15. $(x - 9)(x - 5)$

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

16. $(x - 4)(x + 8)$

7. $(x + 9)(x + 1)$

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

8. $(x + 6)(x + 3)$

18. $(x - 8)(x - 8)$

9. $(x + 9)(x + 9)$

19. $(x + 8)(x + 4)$

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

20. $(x + 5)(x + 4)$

Multiplying Factors (B) Answers

Find the product of each pair of factors.

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

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

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

4. $(x - 1)(x - 9)$
 $x^2 - 10x + 9$

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

6. $(x - 6)(x + 6)$
 $x^2 - 36$

7. $(x + 9)(x + 1)$
 $x^2 + 10x + 9$

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

9. $(x + 9)(x + 9)$
 $x^2 + 18x + 81$

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

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

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

13. $(x - 6)(x + 9)$
 $x^2 + 3x - 54$

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

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

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

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

18. $(x - 8)(x - 8)$
 $x^2 - 16x + 64$

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

20. $(x + 5)(x + 4)$
 $x^2 + 9x + 20$