

Multiplying Factors (F)

Find the product of each pair of factors.

1. $(x - 3)(x + 1)$

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

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

12. $(x - 9)(x - 3)$

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

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

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

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

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

15. $(x + 6)(x - 4)$

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

16. $(x + 1)(x + 8)$

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

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

8. $(x + 1)(x + 3)$

18. $(x - 8)(x - 3)$

9. $(x + 1)(x + 3)$

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

10. $(x - 5)(x - 3)$

20. $(x - 9)(x - 9)$

Multiplying Factors (F) Answers

Find the product of each pair of factors.

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

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

3. $(x - 6)(x - 1)$
 $x^2 - 7x + 6$

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

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

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

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

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

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

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

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

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

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

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

15. $(x + 6)(x - 4)$
 $x^2 + 2x - 24$

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

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

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

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

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