

Multiplying Factors (E)

Find the product of each pair of factors.

1. $(x - 4)(x - 6)$

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

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

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

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

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

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

14. $(x - 6)(x - 4)$

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

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

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

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

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

17. $(x + 9)(x + 6)$

8. $(x - 7)(x + 1)$

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

9. $(x + 8)(x + 5)$

19. $(x - 4)(x - 3)$

10. $(x + 6)(x + 6)$

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

Multiplying Factors (E) Answers

Find the product of each pair of factors.

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

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

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

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

5. $(x + 6)(x + 1)$
 $x^2 + 7x + 6$

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

7. $(x + 8)(x + 6)$
 $x^2 + 14x + 48$

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

9. $(x + 8)(x + 5)$
 $x^2 + 13x + 40$

10. $(x + 6)(x + 6)$
 $x^2 + 12x + 36$

11. $(x - 7)(x + 6)$
 $x^2 - x - 42$

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

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

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

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

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

17. $(x + 9)(x + 6)$
 $x^2 + 15x + 54$

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

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

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