

Multiplying Factors (H)

Find the product of each pair of factors.

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

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

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

12. $(x + 4)(x - 5)$

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

13. $(x - 7)(2x + 7)$

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

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

5. $(2x + 8)(2x - 1)$

15. $(2x - 9)(x + 4)$

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

16. $(2x - 6)(x - 8)$

7. $(x + 7)(2x + 5)$

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

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

18. $(x - 4)(2x + 5)$

9. $(x + 7)(2x + 4)$

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

10. $(2x - 3)(2x - 7)$

20. $(x - 6)(2x - 1)$

Multiplying Factors (H) Answers

Find the product of each pair of factors.

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

2. $(2x + 5)(2x - 5)$
 $4x^2 - 25$

3. $(x + 4)(x + 4)$
 $x^2 + 8x + 16$

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

5. $(2x + 8)(2x - 1)$
 $4x^2 + 14x - 8$

6. $(2x - 6)(x - 6)$
 $2x^2 - 18x + 36$

7. $(x + 7)(2x + 5)$
 $2x^2 + 19x + 35$

8. $(2x + 8)(2x + 1)$
 $4x^2 + 18x + 8$

9. $(x + 7)(2x + 4)$
 $2x^2 + 18x + 28$

10. $(2x - 3)(2x - 7)$
 $4x^2 - 20x + 21$

11. $(x + 8)(2x + 2)$
 $2x^2 + 18x + 16$

12. $(x + 4)(x - 5)$
 $x^2 - x - 20$

13. $(x - 7)(2x + 7)$
 $2x^2 - 7x - 49$

14. $(2x + 5)(2x - 4)$
 $4x^2 + 2x - 20$

15. $(2x - 9)(x + 4)$
 $2x^2 - x - 36$

16. $(2x - 6)(x - 8)$
 $2x^2 - 22x + 48$

17. $(2x - 9)(x + 2)$
 $2x^2 - 5x - 18$

18. $(x - 4)(2x + 5)$
 $2x^2 - 3x - 20$

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

20. $(x - 6)(2x - 1)$
 $2x^2 - 13x + 6$