Multiplying Factors (J)

Find the product of each pair of factors.

1. $(2x + 1)(2x - 5)$
2. $(2x - 3)(4x - 2)$
3. $(4x - 1)(2x + 6)$
4. $(2x - 8)(x + 5)$
5. $(7x - 6)(4x - 1)$
6. $(9x - 2)(5x + 9)$
7. $(8x + 7)(2x + 4)$
8. $(x + 4)(6x - 2)$
9. $(5x - 1)(6x - 1)$
10. $(7x - 5)(2x + 8)$
11. $(3x - 3)(2x - 4)$
12. $(6x + 3)(x + 2)$
13. $(9x + 7)(7x - 7)$
14. $(4x + 4)(4x - 6)$
15. $(3x - 2)(3x - 7)$
16. $(2x - 3)(3x + 1)$
17. $(5x - 2)(2x + 8)$
18. $(x - 7)(x - 5)$
19. $(3x - 4)(5x + 3)$
20. $(5x + 8)(8x + 4)$

Multiplying Factors (J) Answers

Find the product of each pair of factors.

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

2. $(2x - 3)(4x - 2)$
   $8x^2 - 16x + 6$

3. $(4x - 1)(2x + 6)$
   $8x^2 + 22x - 6$

4. $(2x - 8)(x + 5)$
   $2x^2 + 2x - 40$

5. $(7x - 6)(4x - 1)$
   $28x^2 - 31x + 6$

6. $(9x - 2)(5x + 9)$
   $45x^2 + 71x - 18$

7. $(8x + 7)(2x + 4)$
   $16x^2 + 46x + 28$

8. $(x + 4)(6x - 2)$
   $6x^2 + 22x - 8$

9. $(5x - 1)(6x - 1)$
   $30x^2 - 11x + 1$

10. $(7x - 5)(2x + 8)$
    $14x^2 + 46x - 40$

11. $(3x - 3)(2x - 4)$
    $6x^2 - 18x + 12$

12. $(6x + 3)(x + 2)$
    $6x^2 + 15x + 6$

13. $(9x + 7)(7x - 7)$
    $63x^2 - 14x - 49$

14. $(4x + 4)(4x - 6)$
    $16x^2 - 8x - 24$

15. $(3x - 2)(3x - 7)$
    $9x^2 - 27x + 14$

16. $(2x - 3)(3x + 1)$
    $6x^2 - 7x - 3$

17. $(5x - 2)(2x + 8)$
    $10x^2 + 36x - 16$

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

19. $(3x - 4)(5x + 3)$
    $15x^2 - 11x - 12$

20. $(5x + 8)(8x + 4)$
    $40x^2 + 84x + 32$