Multiplying Factors (A)

Find the product of each pair of factors.

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

Multiplying Factors (A) Answers

Find the product of each pair of factors.

1. $(2x - 2)(9x - 2)$
   $18x^2 - 22x + 4$

2. $(4x - 7)(4x + 4)$
   $16x^2 - 12x - 28$

3. $(7x + 1)(x + 9)$
   $7x^2 + 64x + 9$

4. $(7x + 3)(2x - 9)$
   $14x^2 - 57x - 27$

5. $(5x + 5)(2x + 3)$
   $10x^2 + 25x + 15$

6. $(8x + 9)(9x - 7)$
   $72x^2 + 25x - 63$

7. $(4x + 6)(4x - 7)$
   $16x^2 - 4x - 42$

8. $(9x + 8)(7x + 2)$
   $63x^2 + 74x + 16$

9. $(9x - 5)(6x - 9)$
   $54x^2 - 111x + 45$

10. $(7x - 9)(3x - 8)$
    $21x^2 - 83x + 72$

11. $(2x - 5)(5x - 9)$
    $10x^2 - 43x + 45$

12. $(3x - 4)(6x + 8)$
    $18x^2 - 32$

13. $(9x - 6)(8x + 8)$
    $72x^2 + 24x - 48$

14. $(3x - 8)(2x + 1)$
    $6x^2 - 13x - 8$

15. $(3x + 4)(2x + 8)$
    $6x^2 + 32x + 32$

16. $(8x + 8)(6x + 4)$
    $48x^2 + 80x + 32$

17. $(7x + 7)(9x - 9)$
    $63x^2 - 63$

18. $(6x + 6)(6x - 5)$
    $36x^2 + 6x - 30$

19. $(5x + 4)(6x + 9)$
    $30x^2 + 69x + 36$

20. $(2x - 1)(9x - 2)$
    $18x^2 - 13x + 2$