Multiplying Factors (A)

Find the product of each pair of factors.

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

Multiplying Factors (A) Answers

Find the product of each pair of factors.

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

2. $(x + 4)(x - 9)$
   $x^2 - 5x - 36$

3. $(x - 7)(x + 4)$
   $x^2 - 3x - 28$

4. $(x - 9)(x + 4)$
   $x^2 - 5x - 36$

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

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

7. $(x - 3)(x - 3)$
   $x^2 - 6x + 9$

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

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

10. $(x + 7)(x - 4)$
    $x^2 + 3x - 28$

11. $(x + 9)(x - 8)$
    $x^2 + x - 72$

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

13. $(x + 5)(x - 9)$
    $x^2 - 4x - 45$

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

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

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

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

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

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

20. $(x - 4)(x + 4)$
    $x^2 - 16$

Multiplying Factors (B)

Find the product of each pair of factors.

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

Multiplying Factors (B) Answers

Find the product of each pair of factors.

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

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

3. $(x - 5)(x + 9)$
   $x^2 + 4x - 45$

4. $(x - 1)(x - 9)$
   $x^2 - 10x + 9$

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

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

7. $(x + 9)(x + 1)$
   $x^2 + 10x + 9$

8. $(x + 6)(x + 3)$
   $x^2 + 9x + 18$

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

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

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

12. $(x + 9)(x + 5)$
    $x^2 + 14x + 45$

13. $(x - 6)(x + 9)$
    $x^2 + 3x - 54$

14. $(x + 9)(x + 8)$
    $x^2 + 17x + 72$

15. $(x - 9)(x - 5)$
    $x^2 - 14x + 45$

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

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

18. $(x - 8)(x - 8)$
    $x^2 - 16x + 64$

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

20. $(x + 5)(x + 4)$
    $x^2 + 9x + 20$

Multiplying Factors (C)

Find the product of each pair of factors.

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

Multiplying Factors (C) Answers

Find the product of each pair of factors.

1. $(x + 8)(x + 7)$
   $x^2 + 15x + 56$

2. $(x + 7)(x - 4)$
   $x^2 + 3x - 28$

3. $(x + 4)(x + 1)$
   $x^2 + 5x + 4$

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

5. $(x + 2)(x + 4)$
   $x^2 + 6x + 8$

6. $(x + 3)(x + 3)$
   $x^2 + 6x + 9$

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

8. $(x + 9)(x - 4)$
   $x^2 + 5x - 36$

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

10. $(x - 5)(x - 4)$
    $x^2 - 9x + 20$

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

12. $(x + 7)(x + 2)$
    $x^2 + 9x + 14$

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

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

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

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

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

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

19. $(x + 7)(x - 4)$
    $x^2 + 3x - 28$

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

Multiplying Factors (D)

Find the product of each pair of factors.

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

Multiplying Factors (D) Answers

Find the product of each pair of factors.

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

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

3. $(x + 3)(x + 2)$
   $x^2 + 5x + 6$

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

5. $(x + 3)(x + 7)$
   $x^2 + 10x + 21$

6. $(x - 8)(x + 7)$
   $x^2 - x - 56$

7. $(x - 4)(x + 9)$
   $x^2 + 5x - 36$

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

9. $(x + 7)(x + 8)$
   $x^2 + 15x + 56$

10. $(x - 8)(x - 9)$
    $x^2 - 17x + 72$

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

12. $(x + 8)(x - 7)$
    $x^2 + x - 56$

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

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

15. $(x + 1)(x + 7)$
    $x^2 + 8x + 7$

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

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

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

19. $(x - 7)(x + 4)$
    $x^2 - 3x - 28$

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

Multiplying Factors (E)

Find the product of each pair of factors.

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

Multiplying Factors (F)

Find the product of each pair of factors.

1. $(x - 3)(x + 1)$
2. $(x - 8)(x + 8)$
3. $(x - 6)(x - 1)$
4. $(x + 1)(x - 3)$
5. $(x - 1)(x + 2)$
6. $(x - 4)(x + 8)$
7. $(x + 7)(x + 6)$
8. $(x + 1)(x + 3)$
9. $(x + 1)(x + 3)$
10. $(x - 5)(x - 3)$
11. $(x + 6)(x - 3)$
12. $(x - 9)(x - 3)$
13. $(x + 1)(x - 8)$
14. $(x - 1)(x + 8)$
15. $(x + 6)(x - 4)$
16. $(x + 1)(x + 8)$
17. $(x + 7)(x + 5)$
18. $(x - 8)(x - 3)$
19. $(x - 4)(x - 8)$
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. $(x - 9)(x - 9)$
    $x^2 - 18x + 81$

Multiplying Factors (G)

Find the product of each pair of factors.

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

Multiplying Factors (G) Answers

Find the product of each pair of factors.

1. $(x + 2)(x + 6)$
   $x^2 + 8x + 12$

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

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

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

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

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

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

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

9. $(x - 5)(x - 4)$
   $x^2 - 9x + 20$

10. $(x - 6)(x - 2)$
    $x^2 - 8x + 12$

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

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

13. $(x + 1)(x - 9)$
    $x^2 - 8x - 9$

14. $(x + 9)(x - 1)$
    $x^2 + 8x - 9$

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

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

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

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

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

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

Multiplying Factors (H)

Find the product of each pair of factors.

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

Multiplying Factors (H) Answers

Find the product of each pair of factors.

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

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

3. $(x + 6)(x + 3)$
   $x^2 + 9x + 18$

4. $(x - 9)(x + 1)$
   $x^2 - 8x - 9$

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

6. $(x - 8)(x - 2)$
   $x^2 - 10x + 16$

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

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

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

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

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

12. $(x - 8)(x + 5)$
    $x^2 - 3x - 40$

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

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

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

16. $(x - 6)(x - 3)$
    $x^2 - 9x + 18$

17. $(x + 5)(x + 2)$
    $x^2 + 7x + 10$

18. $(x - 9)(x + 4)$
    $x^2 - 5x - 36$

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

20. $(x - 2)(x + 4)$
    $x^2 + 2x - 8$

Multiplying Factors (I)

Find the product of each pair of factors.

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

Multiplying Factors (I) Answers

Find the product of each pair of factors.

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

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

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

4. $(x + 4)(x - 9)$
   $x^2 - 5x - 36$

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

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

7. $(x - 3)(x - 6)$
   $x^2 - 9x + 18$

8. $(x + 9)(x + 5)$
   $x^2 + 14x + 45$

9. $(x - 9)(x + 8)$
   $x^2 - x - 72$

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

11. $(x - 9)(x - 7)$
    $x^2 - 16x + 63$

12. $(x - 3)(x + 9)$
    $x^2 + 6x - 27$

13. $(x + 6)(x - 2)$
    $x^2 + 4x - 12$

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

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

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

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

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

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

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

Multiplying Factors (J)

Find the product of each pair of factors.

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

Multiplying Factors (J) Answers

Find the product of each pair of factors.

1. $(x + 2)(x + 9)$
   $x^2 + 11x + 18$

2. $(x + 7)(x - 2)$
   $x^2 + 5x - 14$

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

4. $(x - 9)(x - 4)$
   $x^2 - 13x + 36$

5. $(x + 3)(x - 3)$
   $x^2 - 9$

6. $(x - 6)(x - 3)$
   $x^2 - 9x + 18$

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

8. $(x + 4)(x + 9)$
   $x^2 + 13x + 36$

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

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

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

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

13. $(x + 1)(x + 1)$
    $x^2 + 2x + 1$

14. $(x - 3)(x + 8)$
    $x^2 + 5x - 24$

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

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

17. $(x + 6)(x - 2)$
    $x^2 + 4x - 12$

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

19. $(x - 9)(x + 3)$
    $x^2 - 6x - 27$

20. $(x - 9)(x - 7)$
    $x^2 - 16x + 63$