

Answers to Quadratic factoring Worksheet 1

1. $(x + 5)(x + 4)$
2. $(x - 5)(x - 1)$
3. $(x + 6)(x + 0)$
4. $(x + 2)(x - 5)$
5. $(x - 2)(x + 3)$
6. $(x + 1)(x + 0)$
7. $(x + 6)(x + 2)$
8. $(x + 6)(x - 1)$
9. $(x - 2)(x + 4)$
10. $(x - 3)(x + 6)$
11. $(x + 3)(x + 5)$
12. $(x - 3)(x + 3)$
13. $(x - 1)(x - 4)$
14. $(x - 1)(x - 2)$
15. $(x - 5)(x + 6)$

Answers to Quadratic factoring Worksheet 2

1. $(x + 0)(x + 4)$
2. $(x + 6)(x + 3)$
3. $(x - 3)(x + 1)$
4. $(x + 6)(x + 2)$
5. $(x + 5)(x + 0)$
6. $(x - 1)(x - 4)$
7. $(x - 3)(x - 4)$
8. $(x + 5)(x - 5)$
9. $(x + 2)(x + 3)$
10. $(x - 1)(x + 2)$
11. $(x + 0)(x + 0)$
12. $(x - 2)(x + 5)$
13. $(x + 1)(x + 3)$
14. $(x + 4)(x + 0)$
15. $(x - 4)(x - 1)$

Answers to Quadratic factoring Worksheet 3

1. $(x - 4)(x + 0)$
2. $(x - 4)(x - 5)$
3. $(x - 5)(x + 4)$
4. $(x - 5)(x + 0)$
5. $(x + 4)(x + 4)$
6. $(x + 3)(x + 2)$
7. $(x + 1)(x - 4)$
8. $(x + 1)(x - 1)$
9. $(x + 1)(x + 2)$
10. $(x + 1)(x + 4)$
11. $(x - 4)(x + 5)$
12. $(x + 4)(x - 2)$
13. $(x + 0)(x - 5)$
14. $(x - 2)(x + 5)$
15. $(x + 2)(x + 3)$

Answers to Quadratic factoring Worksheet 4

1. $(x - 5)(x + 5)$
2. $(x - 4)(x + 5)$
3. $(x - 1)(x + 5)$
4. $(x + 6)(x + 2)$
5. $(x - 5)(x + 4)$
6. $(x - 3)(x - 5)$
7. $(x + 5)(x + 5)$
8. $(x + 0)(x + 5)$
9. $(x + 1)(x + 0)$
10. $(x - 5)(x + 2)$
11. $(x - 3)(x + 2)$
12. $(x + 5)(x - 4)$

13. $(x - 5)(x - 3)$ 14. $(x - 2)(x + 4)$ 15. $(x - 3)(x + 0)$

Answers to Quadratic factoring Worksheet 1

1. $(x - 7)(x + 3)$ 2. $(x + 3)(x + 4)$ 3. $(x + 1)(x - 5)$

4. $(x + 1)(x + 2)$ 5. $(x + 2)(x - 7)$ 6. $(x - 1)(x + 3)$

7. $(x - 2)(x + 3)$ 8. $(x + 7)(x - 7)$ 9. $(x + 8)(x + 3)$

10. $(x + 4)(x + 8)$ 11. $(x + 1)(x + 5)$ 12. $(x + 4)(x + 3)$

13. $(x - 6)(x + 5)$ 14. $(x - 5)(x + 7)$ 15. $(x - 2)(x + 7)$

Answers to Quadratic factoring Worksheet 2

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

4. $(x - 4)(x - 3)$ 5. $(x + 6)(x - 7)$ 6. $(x - 2)(x + 2)$

7. $(x + 4)(x - 1)$ 8. $(x + 6)(x + 8)$ 9. $(x + 2)(x + 0)$

10. $(x + 0)(x + 3)$ 11. $(x + 8)(x + 4)$ 12. $(x - 3)(x + 2)$

13. $(x - 5)(x - 5)$ 14. $(x + 3)(x + 5)$ 15. $(x + 2)(x + 8)$

Answers to Quadratic factoring Worksheet 3

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

4. $(x + 6)(x + 1)$ 5. $(x - 2)(x + 1)$ 6. $(x - 4)(x + 5)$

7. $(x - 2)(x + 5)$ 8. $(x - 7)(x + 7)$ 9. $(x + 1)(x + 4)$

10. $(x - 3)(x - 1)$ 11. $(x + 8)(x - 2)$ 12. $(x + 0)(x - 7)$

13. $(x + 5)(x + 2)$ 14. $(x + 0)(x + 5)$ 15. $(x - 3)(x - 5)$

Answers to Quadratic factoring Worksheet 4

1. $(x + 2)(x + 4)$ 2. $(x + 7)(x - 1)$ 3. $(x - 1)(x - 7)$

4. $(x - 4)(x + 6)$ 5. $(x - 5)(x + 3)$ 6. $(x - 6)(x - 2)$

7. $(x + 2)(x + 1)$ 8. $(x + 1)(x - 4)$ 9. $(x + 0)(x - 3)$

10. $(x + 5)(x + 3)$ 11. $(x + 6)(x - 2)$ 12. $(x - 5)(x + 1)$

13. $(x + 0)(x - 1)$ 14. $(x + 5)(x + 8)$ 15. $(x + 2)(x - 7)$

Answers to Quadratic factoring Worksheet 1

1. $(x + 4)(x + 0)$ 2. $(x + 1)(x - 2)$ 3. $(x + 3)(x + 10)$

4. $(x + 5)(x + 10)$ 5. $(x + 6)(x + 7)$ 6. $(x + 7)(x - 7)$

7. $(x - 4)(x + 0)$ 8. $(x - 9)(x + 9)$ 9. $(x + 8)(x + 2)$

10. $(x + 8)(x + 8)$ 11. $(x - 8)(x - 6)$ 12. $(x + 0)(x - 7)$

13. $(x - 3)(x - 1)$ 14. $(x - 5)(x + 3)$ 15. $(x - 8)(x + 4)$

Answers to Quadratic factoring Worksheet 2

1. $(x - 9)(x - 8)$ 2. $(x - 3)(x - 1)$ 3. $(x - 1)(x - 3)$

4. $(x + 1)(x - 4)$ 5. $(x - 5)(x + 4)$ 6. $(x + 2)(x + 9)$

7. $(x - 6)(x + 4)$ 8. $(x + 0)(x + 2)$ 9. $(x + 5)(x - 8)$

10. $(x - 6)(x - 7)$ 11. $(x - 6)(x - 3)$ 12. $(x + 4)(x + 3)$

13. $(x - 2)(x - 7)$ 14. $(x - 3)(x - 6)$ 15. $(x + 6)(x + 5)$

Answers to Quadratic factoring Worksheet 3

1. $(x - 7)(x + 1)$ 2. $(x + 7)(x + 3)$ 3. $(x + 8)(x - 7)$

4. $(x - 7)(x - 4)$ 5. $(x + 7)(x + 9)$ 6. $(x - 9)(x + 5)$

7. $(x - 5)(x + 2)$ 8. $(x + 8)(x + 4)$ 9. $(x + 6)(x + 5)$

10. $(x + 7)(x + 7)$ 11. $(x + 8)(x + 10)$ 12. $(x + 6)(x + 10)$

13. $(x - 1)(x - 5)$ 14. $(x - 9)(x + 8)$ 15. $(x + 0)(x + 8)$

Answers to Quadratic factoring Worksheet 4

1. $(x + 2)(x - 9)$ 2. $(x - 5)(x - 1)$ 3. $(x - 7)(x + 0)$

4. $(x + 10)(x + 6)$ 5. $(x - 8)(x + 0)$ 6. $(x - 3)(x - 1)$

7. $(x + 8)(x + 3)$ 8. $(x + 4)(x + 5)$ 9. $(x - 9)(x + 1)$

10. $(x - 1)(x + 6)$ 11. $(x - 5)(x - 3)$ 12. $(x + 1)(x + 4)$

13. $(x + 7)(x + 2)$ 14. $(x - 9)(x - 7)$ 15. $(x - 8)(x + 7)$

Answers to Quadratic factoring Worksheet 1

1. $(x - 13)(x - 5)$ 2. $(x - 4)(x - 1)$ 3. $(x + 11)(x + 4)$

4. $(x + 6)(x + 6)$ 5. $(x + 2)(x - 2)$ 6. $(x + 8)(x + 10)$

7. $(x + 9)(x - 4)$ 8. $(x + 14)(x + 9)$ 9. $(x + 12)(x + 13)$

10. $(x - 7)(x + 7)$ 11. $(x - 12)(x + 3)$ 12. $(x + 5)(x + 13)$

13. $(x + 12)(x - 4)$ 14. $(x - 11)(x + 1)$ 15. $(x + 8)(x + 1)$

Answers to Quadratic factoring Worksheet 2

1. $(x + 9)(x + 4)$ 2. $(x - 13)(x + 1)$ 3. $(x + 14)(x + 8)$

4. $(x - 6)(x - 2)$ 5. $(x + 5)(x - 6)$ 6. $(x + 3)(x + 3)$

7. $(x + 3)(x + 7)$ 8. $(x + 4)(x + 9)$ 9. $(x - 12)(x + 5)$

10. $(x + 6)(x + 1)$ 11. $(x - 11)(x + 6)$ 12. $(x - 8)(x + 3)$

13. $(x - 11)(x + 5)$ 14. $(x - 7)(x - 11)$ 15. $(x + 2)(x + 6)$

Answers to Quadratic factoring Worksheet 3

1. $(x - 1)(x + 0)$ 2. $(x - 1)(x - 10)$ 3. $(x + 10)(x - 5)$

4. $(x - 7)(x + 9)$ 5. $(x - 4)(x - 8)$ 6. $(x - 4)(x + 8)$

7. $(x + 14)(x + 3)$ 8. $(x - 4)(x - 6)$ 9. $(x - 9)(x - 11)$

10. $(x + 8)(x + 13)$ 11. $(x - 2)(x - 2)$ 12. $(x + 8)(x + 10)$

13. $(x - 6)(x - 9)$ 14. $(x - 6)(x + 7)$ 15. $(x - 6)(x - 11)$

Answers to Quadratic factoring Worksheet 4

1. $(x + 3)(x + 0)$ 2. $(x + 2)(x - 6)$ 3. $(x + 5)(x + 11)$

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

Answers to Quadratic factoring Worksheet 1

1. $(x - 3)(x - 4)$ 2. $(x + 18)(x - 6)$ 3. $(x + 16)(x - 15)$
4. $(x - 13)(x + 12)$ 5. $(x + 0)(x + 18)$ 6. $(x - 4)(x + 13)$
7. $(x - 16)(x - 5)$ 8. $(x + 15)(x - 10)$ 9. $(x - 15)(x - 11)$
10. $(x + 0)(x + 11)$ 11. $(x + 3)(x - 14)$ 12. $(x - 6)(x + 3)$
13. $(x - 9)(x + 5)$ 14. $(x - 15)(x - 15)$ 15. $(x + 17)(x - 12)$

Answers to Quadratic factoring Worksheet 2

1. $(x - 8)(x - 6)$ 2. $(x + 0)(x - 7)$ 3. $(x - 12)(x - 4)$
4. $(x - 1)(x + 17)$ 5. $(x - 9)(x + 4)$ 6. $(x - 10)(x + 4)$
7. $(x + 7)(x - 13)$ 8. $(x + 0)(x + 3)$ 9. $(x + 10)(x + 6)$
10. $(x - 6)(x + 1)$ 11. $(x - 4)(x - 7)$ 12. $(x + 14)(x - 2)$
13. $(x + 10)(x + 9)$ 14. $(x - 9)(x + 1)$ 15. $(x - 11)(x - 8)$

Answers to Quadratic factoring Worksheet 3

1. $(x + 2)(x - 16)$ 2. $(x + 0)(x - 5)$ 3. $(x + 14)(x - 15)$
4. $(x - 14)(x + 16)$ 5. $(x - 17)(x - 7)$ 6. $(x + 9)(x - 10)$
7. $(x - 5)(x + 5)$ 8. $(x + 2)(x - 6)$ 9. $(x - 6)(x + 15)$
10. $(x + 4)(x + 11)$ 11. $(x + 17)(x + 18)$ 12. $(x + 14)(x - 5)$
13. $(x + 10)(x + 11)$ 14. $(x + 6)(x - 10)$ 15. $(x + 13)(x - 10)$

Answers to Quadratic factoring Worksheet 4

1. $(x - 1)(x - 16)$ 2. $(x + 1)(x + 12)$ 3. $(x - 10)(x - 10)$
4. $(x + 15)(x + 3)$ 5. $(x - 9)(x - 9)$ 6. $(x - 17)(x - 11)$
7. $(x - 17)(x - 8)$ 8. $(x - 15)(x + 18)$ 9. $(x + 0)(x - 4)$
10. $(x + 18)(x + 9)$ 11. $(x + 2)(x + 16)$ 12. $(x - 12)(x - 2)$
13. $(x + 4)(x + 4)$ 14. $(x + 10)(x + 18)$ 15. $(x - 16)(x + 15)$

Answers to Quadratic factoring Worksheet 1

1. $(x - 17)(x - 13)$ 2. $(x + 22)(x + 0)$ 3. $(x + 17)(x - 17)$
4. $(x - 3)(x + 13)$ 5. $(x - 7)(x - 22)$ 6. $(x - 15)(x + 12)$
7. $(x - 10)(x - 11)$ 8. $(x + 12)(x + 0)$ 9. $(x + 4)(x - 4)$
10. $(x - 23)(x + 23)$ 11. $(x - 4)(x - 10)$ 12. $(x - 22)(x - 12)$
13. $(x + 16)(x + 21)$ 14. $(x - 11)(x + 0)$ 15. $(x + 19)(x - 4)$

Answers to Quadratic factoring Worksheet 2

1. $(x - 17)(x - 19)$ 2. $(x - 6)(x - 18)$ 3. $(x + 15)(x - 4)$
4. $(x - 21)(x - 18)$ 5. $(x + 3)(x + 15)$ 6. $(x - 19)(x + 6)$
7. $(x + 17)(x + 8)$ 8. $(x - 20)(x - 17)$ 9. $(x - 7)(x - 5)$
10. $(x + 16)(x + 11)$ 11. $(x + 20)(x + 3)$ 12. $(x + 18)(x - 12)$
13. $(x - 20)(x + 11)$ 14. $(x - 20)(x - 22)$ 15. $(x - 23)(x + 22)$

Answers to Quadratic factoring Worksheet 3

1. $(x + 1)(x + 18)$ 2. $(x - 9)(x - 1)$ 3. $(x - 13)(x + 22)$
4. $(x - 16)(x - 1)$ 5. $(x - 12)(x + 21)$ 6. $(x - 10)(x + 6)$
7. $(x + 12)(x + 8)$ 8. $(x - 20)(x - 7)$ 9. $(x - 19)(x + 12)$
10. $(x - 1)(x + 7)$ 11. $(x - 4)(x + 15)$ 12. $(x + 22)(x + 21)$

13. $(x - 11)(x - 9)$ 14. $(x + 23)(x - 13)$ 15. $(x - 2)(x + 21)$

Answers to Quadratic factoring Worksheet 4

1. $(x - 7)(x - 12)$ 2. $(x + 4)(x + 13)$ 3. $(x + 15)(x - 1)$

4. $(x + 14)(x - 9)$ 5. $(x - 22)(x - 6)$ 6. $(x + 2)(x - 17)$

7. $(x + 6)(x + 20)$ 8. $(x - 12)(x + 7)$ 9. $(x + 2)(x + 11)$

10. $(x - 18)(x + 0)$ 11. $(x - 12)(x - 3)$ 12. $(x - 20)(x - 15)$

13. $(x + 24)(x + 24)$ 14. $(x + 15)(x - 7)$ 15. $(x + 18)(x - 17)$