

15. (3, 8) and (-1, 4)

16. (7, 0) and (0, 7)

17. (0, -8)

18. (3, -23)

19. no solution

20. (0, -3) and (1, -6)

21. (2, 3) and (-2, 3)

22. (2, 6) and (3, 10)

23. no solution

24. (2, 1) and (-1, -2)

27. (2, 7) and (0, 5)

28. no solution

29. no solution

30. (-2, -2) and (-4, -2)

31. about (-4.65, -4.71) and about (0.65, -15.29)

32. about (-2.59, 3.34) and about (-5.41, 14.66)

33. (-4, -4) and (-6, -4)

34. (4, -5)

35. The terms that were added were not like terms;
 $0 = -2x^2 + 34x - 140; x = 7$ or $x = 10$

37. (0, -1); *Sample answer:* elimination because the equations are arranged with like terms in the same column

38. no solution; *Sample answer:* substitution because the first equation can be substituted into the second equation

39. about (-11.31, 10) and about (5.31, 10); *Sample answer:* substitution because the second equation can be substituted into the first equation

40. (-4, -2) and (4, -2); *Sample answer:* elimination because the equations are arranged with like terms in the same column