

Lesson 5-6 Simplify each expression.

35. $(3 - i) \div (5 - 2i)$

36. $(4 + 2i)(1 - i)$

37. $(4 + 2i) - (3 + 5i)$

38. $(8 - 3i)(6 + 9i)$

39. $(2 + 5i) - (-6 + i)$

40. $(-2 - 3i)(7 - i)$

Lessons 5-7 and 5-8 Solve each equation by completing the square or using the Quadratic Formula.

49. $x^2 + 5x + 8 = 4$

50. $8x^2 + 64 = 0$

51. $2x^2 - 5x + 1 = 0$

52. $3x^2 = x - 9$

53. $x^2 + 10 = 4x - 2$

54. $x^2 - 7x = 0$

55. $x^2 + 4x + 4 = 0$

56. $x^2 - 7 = 0$

57. $x^2 + 8x - 17 = 0$