

Assignment:

Page 386 # 12 – 20, 46 – 54

Add or subtract. Write the result in the form $a + bi$.

12. $(2 + 5i) + (-2 + 5i)$

13. $(-1 - 8i) + (4 + 3i)$

14. $(1 - 3i) - (7 + i)$

15. $(4 - 8i) + (-13 + 23i)$

16. $(6 + 17i) - (18 - 9i)$

17. $(-30 + i) - (-2 + 20i)$

Find each sum by graphing on the complex plane.

18. $(3 + 4i) + (-2 - 4i)$

19. $(-2 - 5i) + (-1 + 4i)$

20. $(-4 - 4i) + (4 + 2i)$

Add or subtract. Write the result in the form $a + bi$.

46. $(8 - 9i) - (-2 - i)$

47. $4i - (11 - 3i)$

48. $(4 - 2i) + (-9 - 5i)$

49. $(13 + 6i) + (15 + 35i)$

50. $(3 - i) - (-3 + i)$

51. $-16 + (12 + 9i)$

Find each sum by graphing on the complex plane.

52. $(4 + i) + (-3i)$

53. $(5 + 4i) + (-1 + 2i)$

54. $(-3 - 3i) + (4 - 3i)$