

33. $(12 + 2i)$ ohms

34. $(4 - 3i)$ ohms

35. $(8 + i)$ ohms

36. $(14 - i)$ ohms

37. $-3 - 15i$

38. $2 + 14i$

39. $14 - 5i$

40. $86 - 2i$

41. 20

42. 106

43. $-27 - 36i$

44. $55 + 48i$

45. Distributive Property; Simplify; Definition of complex addition; Write in standard form.**46.** Multiply using FOIL; Simplify and use $i^2 = -1$; Simplify; Write in standard form.

47. $(6 - 7i) - (4 - 3i) = 2 - 4i$

48. $2i(-5 + 9i) = -18 - 10i$