

5.3 Adding and Subtracting Complex Numbers

Simplify.

1) $\sqrt{-36}$

2) $\sqrt{-196}$

3) $\sqrt{-100}$

4) $\sqrt{-144}$

5) $\sqrt{-320n}$

6) $\sqrt{-150r^3}$

7) $(3i) + (3i)$

8) $-6 + (-6 - 8i)$

9) $(-2i) - (3i)$

10) $(-2i) - (1 + 3i)$

$$11) (-6i) - (6i)$$

$$12) (2i) - (8 + i)$$

$$13) (1 - 6i) - (2i)$$

$$14) (1 - 5i) + (5 - 8i)$$

$$15) (-7 - 5i) + (-4 + 5i)$$

$$16) (-7 + 5i) - (-2 + i)$$

$$17) (-2 + 7i) - (-7 - 4i)$$

$$18) (-8 + 2i) - (6 - 3i)$$

$$19) (-4 - i) + (4 + 5i) - (-8 - 6i)$$

$$20) (-6 + 3i) + 5 - (-8 - 4i)$$