

Imaginary & Complex Numbers - Practice

Simplify.

1) $\sqrt{-147}$

2) $\sqrt{-200}$

3) $\sqrt{-50}$

4) $\sqrt{-8}$

5) $2i - 7i$

6) $-5 + 2i + i$

7) $4 - 7i - (7 - i)$

8) $-1 - 8i - (-2 - 7i)$

9) $-3i - 2 - 4i - (-3 + 4i)$

10) $8 - 7i + 6 - 2i + 4 - 3i$

$$11) -2i - (-5 + i) - 8 + 4i$$

$$12) -5 - 3i - 1 + 3i - (-5 - 6i)$$

$$13) -2i \cdot -5i$$

$$14) 5 \cdot 4i$$

$$15) 7(3 - 5i)$$

$$16) 6i(5 + 3i)$$

$$17) (-5 - 5i)(5 + i)$$

$$18) (-1 - 4i)(8 - 5i)$$

$$19) (-5 - 5i)(-1 - i)$$

$$20) (-3 - 6i)(-2 - 8i)$$