

Simplify. Write your answer in standard $a + bi$ form.

1) $(2 + 3i) + (-2 - 6i) - (3 - 5i)$

2) $3i - (-2 + 2i) + (7 - i)$

3) $-i + (3 - 4i) - (-2 - 6i)$

4) $3i(2 + 6i)$

5) $(3 - 2i)(5 - 3i)$

6) $(-2 + 6i)(1 - 5i)$

7) $4i(2 - i) \cdot 5i^3(-1 + 2i)$

8) $3i(-3 - 2i)(4 - 3i)$

9) $(2 - 4i)^2$

10) $(1 + i)^3$

11) $\frac{8}{3i}$

12) $\frac{9+4i}{6i}$

13) $\frac{-4i}{3+4i}$

14) $\frac{5-4i}{1+5i}$

15) $\frac{-9-6i}{-1+3i}$

16) $\frac{-2+10i}{-5+5i}$