

Operations with Complex Numbers

Simplify.

1) $i + 6i$

Ex: $\boxed{7i}$

2) $3 + 4 + 6i$

3) $3i + i$

4) $-8i - 7i$

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

6) $7 + i + 4 + 4$

7) $-3 + 6i - (-5 - 3i) - 8i$

8) $3 + 3i + 8 - 2i - 7$

9) $4i(-2 - 8i)$

10) $5i(-i)$

Ex: $= (5i)(-i)$
 $= -5i^2$
 $= -5(-1) = \boxed{5}$

11) $(5i)(i)(-2i)$

12) $(-4i)(5i)$

13) $(-2 - i)(4 + i)$

14) $(7 - 6i)(-8 + 3i)$

15) $7i \cdot [3i(-8 - 6i)]$

16) $(4 - 5i)(4 + i)$

Work on a separate sheet!

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Finding the slope of each line and fill in the blank below the format

Finding Slope from a Graph

Date 12-10

Period 5