

Honors Algebra 2
4.4 Complex Numbers Day 2

Name: _____

Solve Each Equation:

1. $3x^2 + 48 = 0$	2. $2x^2 + 10 = 0$	3. $8x^2 = -128$
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Find the values of x and y that make each equation true:

4. $9 + 12i = 3x + 4yi$	5. $2x + 7 + (3 - y)i = -4 + 6i$
6. $a + 3b + (3a - b)i = 6 + 6i$	7. $5 + 4i - (x + yi) = -1 - 3i$

