

Name _____
Mr. Schlansky

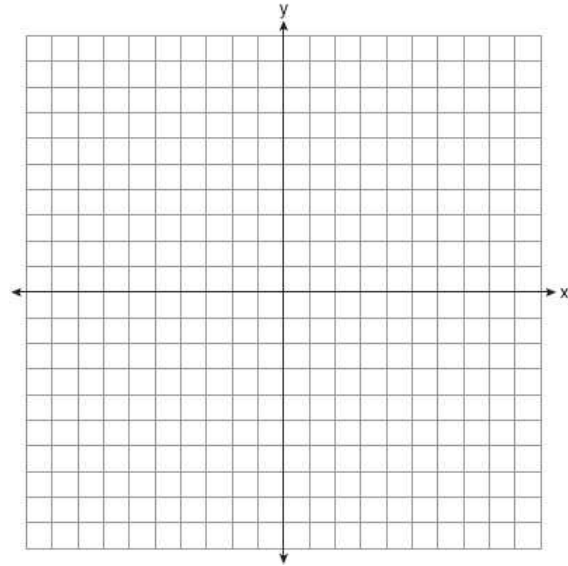
Date _____
Pre Calculus

Graphing Complex Numbers

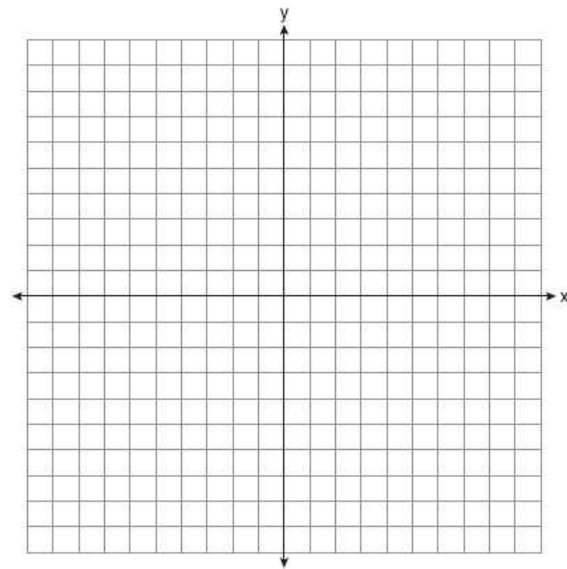
For the following pairs of complex numbers:

- graph each complex number
- graph its resultant
- find the magnitude of the resultant

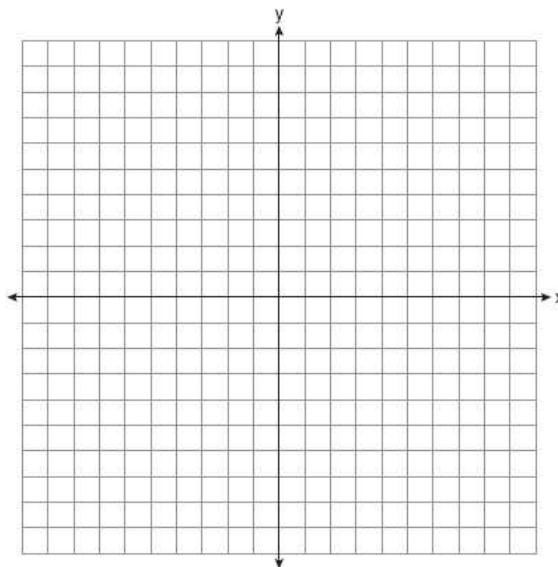
1. $(5 + 2i)$ and $(4 - 3i)$



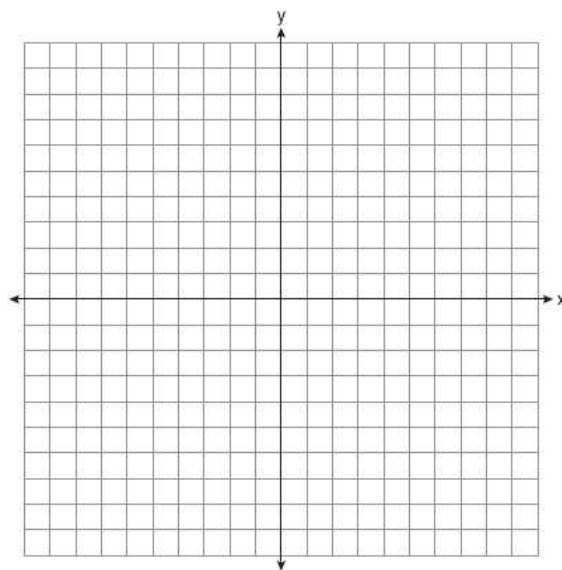
2. $(-2 + 3i)$ and $(5 - 7i)$



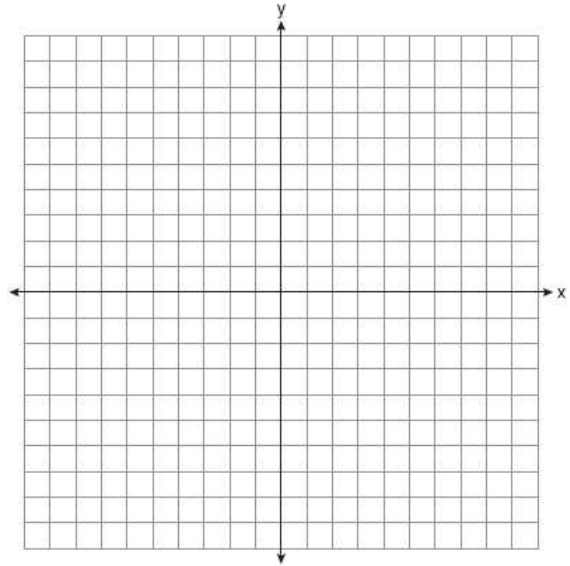
3. $(-2 + \sqrt{-49})$ and $(3 - \sqrt{-16})$



4. $(7 - 4i)$ and $(-5 + 7i)$



5. $(6 - \sqrt{-16})$ and $(-2 + \sqrt{-64})$



6. $(4 - 5i)$ and $(-6 + 8i)$

