

	Two complex numbers in the form $a + bi$ and $a - bi$ are called complex conjugates. The product of two conjugates is always a real number.
The Complex Numbers (C)	<p>Consider the number <math>5 + 2i</math>. Because 5 is a real number and <math>2i</math> is a pure imaginary number, they are not like terms and can not be combined. This type of expression is called a <b>complex number</b>.</p> <p>Standard Form of a Complex Number: <input type="text"/></p> <p><b>conjugate:</b></p>

Dividing Complex Numbers	<p><b>*Watch out!</b> "i" can not be in the denominator of a complex number.</p> <ul style="list-style-type: none"> <li>• If the denominator is a monomial: Multiply top and bottom by "i"</li> <li>• If the denominator is a binomial: Multiply top and bottom by the conjugate.</li> </ul>	
	13. $\frac{i}{2-6i}$	14. $\frac{6i}{1-i}$
	15. $\frac{4+10i}{3+i}$	16. $\frac{5-8i}{-1-4i}$
	17. $\frac{-2}{5-i}$	18. $\frac{5i}{6+2i}$

19. $\frac{-5+5i}{1-3i}$	20. $\frac{7+3i}{2+i}$	21. $\frac{1+8i}{2-4i}$
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