Math 3 Name _____

Writing Quadratics in Different Forms Date _____

Given the quadratic equation, rewrite the equation in equivalent form

Standard Form	Vertex Form	Intercept Form
$y = x^2 + 7x - 8$		
	$y = 2(x + 3)^2 - 10$	
		$y = (x - 2)(x + 7)$
	$y = 4(x - 1)^2 - 100$	

Divide the complex numbers

15) $\frac{4+i}{2-5i}$

16) $\frac{5-6i}{-5+10i}$

17) $\frac{-3-9i}{5-8i}$

18) $\frac{4+i}{8+9i}$

19) $\frac{-3-2i}{-10-3i}$

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