Characteristics of Rational Functions: Domain, Asymptotes, Holes and Intercepts
Algebra 2 CP

Name _____

	F(x) =	Factored Form	Domain	Vertical Asymptote	Holes	Horizontal Asymptote	x-intercept	y-intercept
1	$\dfrac{2x^2 + 3x}{x^2 - 3x - 4}$							
2	$\dfrac{1}{x + 1}$							
3	$\dfrac{x^2 - 4}{x - 2}$							
4	$\dfrac{x^2 - 1}{x^2 - 2x - 3}$							
5	$\dfrac{5}{x^2 + 3x - 10}$							
6	$\dfrac{x - 7}{x^2 - 10x + 21}$							
7	$\dfrac{5}{x - 3}$							
8	$\dfrac{x^2 + 4x - 5}{2x^2 - 50}$							