Fill in the Table and look for any patterns

	Quotient of Powers	Expanded Form	Simplify: Write answer using a positive exponent	Rewrite with a negative exponent
a)	$\dfrac{x^2}{x^3}$	$\dfrac{x \bullet x}{x \bullet x \bullet x}$	$\dfrac{1}{x}$	x^{-1}
b)	$\dfrac{x^3}{x^2}$	$\dfrac{x \bullet x \bullet x}{x \bullet x}$	$\dfrac{x}{1} = x$	$\dfrac{1}{x^{-1}}$
c)	$\dfrac{x^5}{x^2}$			
d)	$\dfrac{x^2}{x^5}$			
e)	$\dfrac{x^{24}}{x^{15}}$			
f)	$\dfrac{x^{15}}{x^{24}}$			
Rule:				