

ACTIVITY 2 (Multiplying and Dividing Rational Expressions: Complex Fractions)**Colegio Bilingue Cedam****Eighth Grade****Teacher Danilo Mojica**

1. Solve the following expressions and simplify as much as possible.

EXPRESSIONS	POSSIBLE SOLUTIONS
$\frac{4a}{5b} \cdot \frac{15b^2}{16a^3}$	$\frac{4ab}{5xy^2}$
$\frac{4x^2y}{15a^3b^3} \div \frac{2xy^2}{5ab^3}$	$\frac{6}{3rt}$
$\frac{8t^2s}{5r^2} \cdot \frac{15sr}{12t^3s^2}$	$\frac{2x}{3a^2y}$
$\frac{18ab^2}{25x^2y^3} \div \frac{9b}{10xy}$	$\frac{5a}{x^2y^2}$
$\frac{10xya^4}{(x+y)(x-y)} \cdot \frac{x^2-y^2}{2x^3y^3a^3}$	$\frac{3b}{4a^2}$