## Precalculus Lesson 5.6: Logarithmic and Exponential Equations Mrs. Snow, Instructor

We are now able to apply the previous lessons' formulas to solving logarithmic and exponential equations using algebraic techniques.

## Solve:

$2log_5 x = log_5 9$	$log_5(x+6) + log_5(x+2) = 1$
$\ln x + \ln(x-4) = \ln(x+6)$	$2^{x} = 5$

