Coreq Support for Section 5.5 (includes 5.1b)

# Topic 1: Converting Between Decimal and Percent Notation

To convert from a decimal to a percent, multiply by $100$. Multiplying by $100$ shifts the decimal point two places to the right.

To convert from a percent to a decimal, divide by $100$. Dividing by $100$ shifts the decimal point two places to the left.

# Topic 2: Approximating Exponential Expressions with the Calculator

# Topic 3: Solving Exponential Equations of the Form $b^{u}=c$

To solve an exponential equation that can be written in the form $b^{u}=c $where $c$ is a constant not equal to $b$:

1. Rewrite the equation in logarithmic form using the Definition of a Logarithmic Function.
2. Solve for the given variable and use the Change of Base Formula to evaluate.