**Exponent Rules**

**= If bases are the same, when you multiply them**

**ADD the exponents**

**= If bases are the same, when you divide them**

**SUBTRACT the exponents**

**= When you have an exponent raised to a higher exponent**

**MULTIPLY the exponents**

**= 1 Any base (letter or number) to the 0 power is equal to 1**

**= To make a negative exponent positive move the variable from the denominator (bottom)to the numerator (top) or move it from the numerator (top) to the denominator (bottom)**

**Leave the negative sign & solve x to the nth power**

**= (-x) times itself n times**

**If n is an EVEN exponent, the answer will be a + number**

**If n is an ODD exponent, the answer will be a - number**