**MAFS.912.A-SSE.2.3**

Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.

a. Factor a quadratic expression to reveal the zeros of the function it defines.

b. Complete the square in a quadratic expression to reveal the maximum or minimum value of the function it defines.

c. Use the properties of exponents to transform expressions for exponential functions. *For example, the expression 1.15t can be rewritten as (1.151/12)12 ≈ (1.012)12t to reveal the approximate equivalent monthly interest rate if the annual rate is 15%.*

**Item Type**

**Hot Text Selectable**

