

Monday, September 25, 2017

I can review describing the characteristics of functions.

I can review identifying and sketching graphs of parent functions.

FUNCTION FAMILIES TEST 1: THURSDAY, SEPTEMBER 28

SLOT: Factor each quadratic polynomial (a=1)

$$1) \ x^2 - 10x + 9$$

$$2) \ n^2 + 3n - 18$$

SLOT QUIZ FRIDAY

Factor

$$1) x^2 - 10x + 9$$

$$a = 1$$

$$b = -10 \quad c = 9$$

~~$$\begin{array}{ccc} & a \cdot c & \\ -9 & x & -1 \\ & + & \\ & -10 & \\ & b & \end{array}$$~~

$$(x - 9)(x - 1)$$

Factor

$$2) \ n^2 + 3n - 18$$

$$a = 1$$

$$b = 3$$

$$c = -18$$

$$(n+6)(n-3)$$

~~$$\begin{array}{r} a \cdot c \\ -18 \\ 6 \times -3 \\ + \\ 3 \\ b \end{array}$$~~