

Wednesday, September 20, 2017

I can sketch parent functions.

I can describe the characteristics of parent functions.

**SLOT: Multiplying Binomials AND
Factoring Quadratics When a = 1
(QUIZ FRIDAY!)**

1. $(x - 10)^2$

Factor

2. $x^2 + 11x + 24$

1. $(x - 10)^2$

	x	-10
x	x^2	$-10x$
-10	$-10x$	100

$$x^2 - 20x + 100$$

Factor

~~1 · 24~~

~~2 · 12~~

$$8 \cdot 3 = 11$$

$$2. \quad x^2 + 11x + 24$$

~~1 · 24~~
~~24~~
~~8~~ ~~3~~
~~||~~

$$(x+3)(x+8)$$