# Monday, September 11, 2017

**I can determine if a graph represents a function and explain my reasoning.
I can give the domain and range for a given function in interval notation.**

## SLOT: Multiplying Polynomials
## (QUIZ FRIDAY!)

1. $(2x + 4)(3x - 6)$

2. $(5x - 2)(2 + 3x)$

FOIL

1. $(2x + 4)(3x - 6)$

$6x^2 - 12x + 12x - 24$

$6x^2 - 24$

2. $(5x - 2)(2 + 3x)$

| | $5x$ | $-2$ |
|-----|------|------|
| $2$ | $10x$ | $-4$ |
| $3x$ | $15x^2$ | $-6x$ |

$15x^2 + 4x - 4$