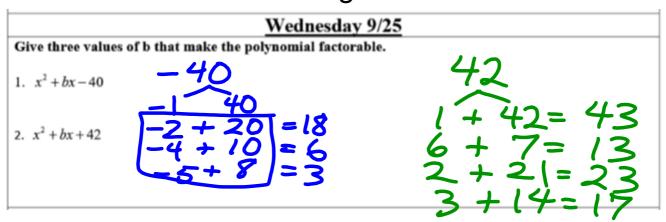
## Bell Ringer



- 2.5 Day 2 online hw due today
- 2.6 Day 1 online hw due tomorrow

#### **Essential Question:**

How can I factor a trinomial of the form  $ax^2 + bx + c$  when a isn't 1?

The area of the sign is  $2x^2 - 13x - 7$ .

What expressions represent the dimensions of the sign?

CAMPGROUND FULL

$$(x-7)^{-14}$$
 $(2x^{2}+x^{-14}x^{-7})$ 
 $(2x+1)$ 
 $(2x+1)$ 
 $(2x+1)$ 
 $(2x+1)$ 

What are the dimensions if x = 10?

$$2x+1$$
 $2(10)+1=2$ 
 $|0-7=3$ 

## WHITEBOARD PRACTICE!

Get out blue sheets with factoring instructions:)

#### Factor the trinomial

$$\frac{4x^{2} + 4x - 3}{4x^{2} - 2x + 6x - 3} = \frac{12}{3}$$

$$\frac{2x(2x - 1) + 3(2x - 1)}{(2x + 3)}$$

#### Factor the trinomial

$$8y^{2} + 8y - 48$$
  
 $8(y^{2} + y - 6)$   
 $8(y^{2} + y - 6)$ 

Solve for x
$$2x^{2} - 5x - 18 = 0$$

$$2x^{2} + 4x - 9x - 18 = 0$$

$$2x(x + 2) - 9(x + 2) = 0$$

$$(x+2)(2x-9) = 0$$

$$x+2=0$$

$$x+2=0$$

$$x=-2$$

$$x=-2$$

$$x=-2$$

$$x=-2$$

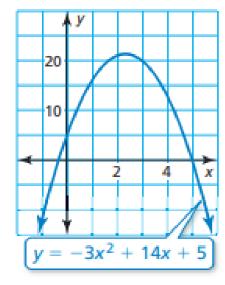
$$x=-2$$

Solve for y 
$$14y^2 - 2 = -3y$$

# Factor the trinomial $-3x^2 + 11x - 6$

Find the x-coordinates of the points where





Solve for y 
$$6y^2 - 24y + 18$$

## due Friday

2.6 Day 2 hw pg 99-100 #s 5, 6, 9, 13, 17, 21, 24, 27, 31, 35, 40, 53, 33