For class today you need:

- your notebook open and ready to do the warm-up
- your complete AA7-1
- your unit overview
- a phone sock

Today's Agenda

- warm-up
- AA7-1 daily quiz
- AA7-2 investigation
- AA7-2 practice

warm-up 3-12

Simplify the rational expression:

add multiply

$$\frac{x^2 + 3x - 10}{x^2 - 2x}$$

$$= \frac{(x+5)(x-2)}{x(x-2)}$$

$$= \frac{x+5}{x}$$

Steps

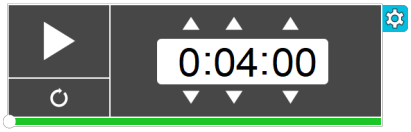
1. completely factor the numerator (if possible)

   ** GCF, difference of squares, box and diamond

2. completely factor the the denominator (if possible)

3. Divide out any common factors (make ones)

Any questions on AA7-1?



	I can simplify rational expressions and graph rational equations.	
	Notes	**Example problems**
Warm-up	**7-1** I can simplify rational expressions.	
Warm-up	**7-2** I can multiply rational expressions and add and subtract rational expressions with a common denominator.	
Warm-up	**7-3** I can add and subtract rational expressions without a common denominator.	
Warm-up	**7-4** I can graph rational equation. ** I can identify the x-intercepts, y-intercept and domain restrictions of a rational equation.	
warm-up	*** **7-5** I can solve rational equations.	

Warm-up group test day April 1 and 2	Warm-up on test day. April 3 and 7	10 stamps = A second rough grade on a test. "Which ones are still wrong?" 10 stamps = I **point** out where you made your error on a test problem.