

Class # 33 - Tues Nov 16

Good practice
for Exam! ①

Schedule

WebWork!

- this week - Exam #2
- next week - Thanksgiving

- do "Parabola-Vort"
(if you didn't prev)
- Nonlinear Syst
(practice)

~45min

Have "rational expressions" examples

- adding/subtracting (find LCD)
- "complex" fractions

~15min

Preview Exam #2 exercises

- will be posted this afternoon
- due Friday 6pm.

Add Rational Expressions 2 : #2

2

Subtract and reduce (if possible):

$$\left(\frac{6a-10}{5a+25} \right) - \left(\frac{a-3}{a+5} \right) \cdot \frac{5}{5}$$

LCM of $5(a+5)$ and $(a+5)$
is just $5(a+5)$!
LCD we want!

$$= \left(\frac{6a-10}{5a+25} \right) - \frac{5(a-3)}{5(a+5)}$$

$$= \frac{6a-10 - 5a+15}{5(a+5)} = \frac{1(a+5)}{5(a+5)} = \frac{1}{5}$$

★ hint: factor the given denominators (to identify the LCM / LCD)