

College Algebra

Date:

Items Needed: Book, Smartboard file “Solving Rational Expressions”, Note Packet-Section 7-5

Objective: The students will be able to solve rational equations that contain constant and variable denominators and apply them to real life problems.

PA Common Core Standard:

Lesson:

- Put up a couple of examples on the board and have the students come up with the least common denominator.
- Use the next example to show how we are going to solve for the variable by multiplying everything by the least common multiple instead of finding the common denominator.
- Do the next 3 examples
- Do the “Hockey Save Percentage” problem.

Assignment: Have students do 5, 8, 11, 13, 15, p. 354.

Have students do 20, 21-29(odd), p. 356.

Have students do 31, 33, 35, 41, 43, 48, p. 357.

Evaluation: (Could be from any one/several of the following)

Responses from classroom questions
Results of classroom sample problems
Homework responses
Check answer with Calculator
End of the section exam

Enrichment: