**Solving Rational Functions**

**Self-Pacing Guide**

\*Starred items will be graded and entered in the gradebook!\*

Suggested/planned completion dates are given in the right-hand column. Any change of plans will be announced in class for you to adjust on your paper!

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| --- | --- | --- |
| Check When Complete | Lesson 1 ~ Factoring Out the GCF and Finding the Difference of Squares | Wed  11/16 – Thurs 11/17 |
|  | Watch video & take notes |
|  | \*Practice: DeltaMath ~ “7.1 – Factoring Out the GCF and Finding the Difference of Squares” |
|  | \*Mastery Check |
| Check When Complete | Lesson 2 ~ Factoring Trinomials With A = 1 | Fri 11/18 |
|  | Watch video & take notes |
|  | \*Practice: DeltaMath ~ “7.2 – Factoring Trinomials With A = 1” |
|  | \*Mastery Check |
| Check When Complete | Lesson 3 ~ Factoring Trinomials With A > 1 | Mon 11/21 –  Tues  11/22 |
|  | Watch video & take notes |
|  | \*Practice: DeltaMath ~ “7.3 – Factoring Trinomials With A > 1” |
|  | \*Mastery Check |
| Check When Complete | Lesson 4 ~ Simplifying Rationals | Wed 11/23 –  Mon 11/28 |
|  | Watch video & take notes |
|  | \*Practice: DeltaMath ~ “7.4 – Simplifying Rationals” |
|  | \*Mastery Check |
| Check When Complete | Lesson 5 ~ Solving Rational Equations | Tues  11/29  –  Wed 11/30 |
|  | Watch video & take notes |
|  | \*Practice: DeltaMath ~ “7.5 – Inverse Functions” |
|  | \*Mastery Check |
| Check When Complete | Unit Mastery Check | Fri 12/2 |
|  | \*Complete: MathXL ~ “Solving Rational Functions – Practice DFA” |
|  | \*MathXL – DFA 2.3A – Solve Rationals |
|  | \*\*Complete “Mathematical Communication” for unit |

**Mastery Check Guidelines**

* To take the first try for your mastery check, you must complete:
  + All notes for the lesson
  + All digital practice (usually DeltaMath or MathXL) for the lesson
* To take the second try for your mastery check, you must complete:
  + A revision of your problems from the first mastery check
  + Any notes practice problems (extra problems from notes that weren’t completed in the video)
* After your second try you are eligible for a 50% “Minimum Score.” However, you are able to retake even more times, if you wish to attempt to get the full points for the mastery check.

**DFA Guidelines**

* Before you take the DFA for the first time,
  + Complete all notes, practice problems, and mastery checks for each lesson in the unit
  + Complete the “Unit – Practice DFA” in MathXL for the current unit
* If you score 80% and above, you are good to go!
* If you score less than 80%, you MUST retake the DFA. Or if you score 80% and above but wish to try for a higher score, you may retake the DFA.
* To retake a DFA, you must:
  + Complete the “Re-Focus – Unit” in MathXL for the current unit, completing it to at least 80%
  + Review your first try of the DFA – ask me any questions on missed problems
  + ASK me to open up the DFA for you to retake
* Remember, I will ALWAYS keep the better score. You will never be penalized for trying again! You will also not be eligible for the 50% “Minimum Score” until you have retaken the DFA!