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| **Standard**:  **PC.FGR.2.8: Solve simple rational equations in one variable, and give examples showing how extraneous solutions may arise.****Assessment: ☐ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None** |
|  | **Pre-Teaching***C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* **Learning Target** **Success Criteria 1** **Success Criteria 2** | **Activation of Learning***(5 min)* | **Focused Instruction***(10 min)****\*I DO*** | **Guided Instruction***(10 min)****\*WE DO*** | **Collaborative****Learning***(10 min)****\*Y’ALL DO*** | **Independent Learning***(10 min)****\*YOU DO*** | **Closing***(5 min)* |
| * Do Now
* Quick Write\*
* Think/Pair/Share
* Polls
* Notice/Wonder
* Number Talks
* Engaging Video
* Open-Ended Question
 | * Think Aloud
* Visuals
* Demonstration
* Analogies\*
* Worked Examples
* Nearpod Activity
* Mnemonic Devices\*
 | * Socratic Seminar \*
* Call/Response
* Probing Questions
* Graphic Organizer
* Nearpod Activity
* Digital Whiteboard
 | * Jigsaw\*
* Discussions\*
* Expert Groups
* Labs
* Stations
* Think/Pair/Share
* Create Visuals
* Gallery Walk
 | * Written Response\*
* Digital Portfolio
* Presentation
* Canvas Assignment
* Choice Board
* Independent Project
* Portfolio
 | * Group Discussion
* Exit Ticket
* 3-2-1
* Parking Lot
* Journaling\*
* Nearpod
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| *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp***Monday** | ✅ I can solve rational equations I can solve rational equation by finding common denominatorsI can solve rational equation by cross multiplication | Review Synthetic Division | Introduce solving rational equations (finding common denominators, cross multiplication). | Teacher models solving 2–3 rational equations, highlighting restrictions and checking solutions. | Students work in pairs to solve a rational equation on whiteboards, share strategies.. | Students complete practice problems (mix of easy and medium). | xit ticket: Solve one rational equation and identify any restrictions. |
| **Tuesday** | ✅ I can solve rational equations I can solve rational equation by finding common denominatorsI can solve rational equation by cross multiplication | Quick recap—students list one key idea from graphing rational functions OR limits to infinity. | Review common mistakes and “look-fors” on graphs (asymptotes, end behavior). | Small groups graph one rational function and justify end behavior. | Students take **Mastery Check** (short assessment on graphing & limits). | Reflection: “What strategy helped you most on today’s check?”. |
| **Wednesday** | ✅ *I can find limits of functions as x approaches positive or negative infinity and describe the end behavior of the graph.* I can recognize when a function has a horizontal asymptote. I can use limit notation to describe what happens as x → ∞ and x → –∞. I can determine whether the function approaches a number, infinity, or does not exist. I can explain how the degree of the numerator and denominator affects the limit at infinity. | Kahoot/Quizizz or quick review game on Unit 1 vocabulary. | Teacher highlights key Unit 1 concepts (graphing rational functions, limits, rational equations). | Teacher works through one sample assessment-style problem. |  Class reviews a multi-part problem together (graph + limit + equation). checking steps with partners. | Students rotate through practice stations or complete a review packet. | Students complete a 3-2-1 reflection (3 things I know, 2 things I need to review, 1 question I still have). |
| **Thursday** |  **Learning Target (I Can):**I can review and connect concepts from rational functions, limits, and rational equations to prepare for the assessment. **Success Criteria:**I can solve practice problems without assistance.I can explain my reasoning to a peer or teacher.I can identify what I need to review before the assessment. | Brief “mindset prep” — students write one strategy they will use during the test. | Clarify directions and expectations for the assessment. | Teacher models one non-graded warm-up problem similar to test style. | Quick check for understanding on assessment rules. | Students complete the **Unit 1 Assessment**. | Students complete an exit reflection: “How confident are you in today’s test?” |
| *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp***Friday** | I can demonstrate mastery of Unit 1 concepts on rational functions, limits, and rational equations. I can complete the assessment independently. I can show my work clearly and check my answers. I can reflect on my performance and areas of strength or growth. | **GADOE LEARNING TASK** |

*\*key literacy strategies*