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| Standard:  **AA.FGR.4.1: Rewrite radical expressions as expressions with rational exponents. Extend the properties of integer exponents to rational exponents.****Assessment**: ☐ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None |
|  | *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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| **Monday** | **NO SCHOOL – FALL BREAK** |
| **Tuesday** | **NO SCHOOL – FALL BREAK** |
| **Wednesday** | I am learning how to convert between rational exponents and radicalsI can convert between rational exponents and radicals. | Evaluating rational exponents: $16^{\frac{1}{2}} and 27^{\frac{2}{3}}$ | Teacher models Converting Rational exponents and radicals. | Teacher works through a problem step by step, explaining reasoning. | Class solves 2 examples, discussing strategies. | Students complete 4–5 practice problems independently. | Exit ticket: What part of this lesson was a struggle? |
| **Thursday** | I am learning how to use product, quotient, and power rules with rational exponents.I can use product, quotient, and power rules with rational exponents. | Warm up: Rational Exponents (converting) | Quizizz Activity – Rational Exponents | Complete review Handout | Exit ticket: What part of this lesson was a struggle? |
| **Friday** | I am learning how to simplify expressions with rational exponents and state domain limits when needed.I can simplify expressions with rational exponents and state domain limits when needed. | **Rational Exponents using rules** | **Teacher models simplifying rational exponents** | Teacher works through a problem step by step, explaining reasoning. | **ERROR ANALYSIS WORKSHEET** | Exit ticket: What part of this lesson was a struggle? |

*\*key literacy strategies*