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| **Standard**: 2.13.A. Solve exponential and logarithmic equations and inequalities. 2.13.B. Construct the inverse function for exponential and logarithmic functions. **Assessment:** [x]  **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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| **Monday** | \*I am going to review expanding and condensing logarithmic expressions. | Bell Ringer: AP Exam Test Prep Question |  |  | Students will work in pairs to complete 2.12 AP Classroom |  | Review misconceptions |
| **Tuesday** | \*I am going to learn how to solve logarithmic equations. | Bell Ringer: AP Exam Test Prep Question | Teacher will cover worked examples on solving logarithmic equations in 2.13A Exponential and Logarithmic Equations and Inequalities packet  |  | Students will continue to work in pairs to complete solving logarithmic equations practice problems |  | Review misconceptions |
| **Wednesday** | \*I am going to learn how to solve logarithmic inequalities. | Bell Ringer: AP Exam Test Prep Question | Teacher will cover worked examples on solving logarithmic inequalities in 2.13B Exponential and Logarithmic Equations and Inequalities packet |  | Students will continue to work in pairs to complete solving logarithmic inequalities practice problems |  | Review misconceptions |
| **Thursday** | \*I am going to review how to solve logarithmic equations and inequalities. | Bell Ringer: AP Exam Test Prep Question |  |  | Students will work in pairs to complete 2.13 AP Classroom |  | Review misconceptions |
| **Friday** | \*I am going to quiz over solving logarithmic equations and inequalities. | Review misconceptions |  |  |  | Students will complete 2.13 Quiz |  |

*key literacy strategies*