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| **Standard(s)**: AA.FGR.5 Extend exploration of quadratic solutions to include real and non-real numbers and explore how these numbers behave under familiar operations and within real-world situations; create polynomial expressions, solve polynomial equations, graph polynomial functions, and model real-world phenomena.**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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| **Monday 02-03-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to add/subtract/multiply complex numbers. I can add/subtract/multiply complex numbers. | Bell-ringer/Do Now ActivityWhat do you know about complex numbers?Have you heard that term before? | Work Examples andVisuals Teacher will review and give examples of adding/subtracting/multiplying complex numbers. | Guided notes/video/Power pointStudents will take notes on adding/subtracting/multi-plying complex numbers | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about adding/subtracting/multiplying complex numbers?Problem(s) on board to solve |
|  **Tuesday 02-04-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m learning to add/subtract/multiply complex numbers. I can add/subtract/multiply complex numbers. | Bell-ringer/Do Now ActivityWhat do you remember about complex numbers from yesterday’s lesson?Complex numbers problems on board for students to solve. | Work Examples andVisuals Teacher will review and give examples of adding/subtracting/multiplying complex numbers. | Guided notes/video/Power pointStudents will take notes on adding/subtracting/multi-plying complex numbers | Practice ProblemsThink/Pair/Share, Gallery Walk, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat did you learn about adding/subtracting/multiplying complex numbers?Problem(s) on board to solve |
| **Wednesday 02-05-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.I can show what I have previously learned for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Bell-ringer/Do Now ActivityReviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.Choice problems will be on the board for students to solve. | Work Examples andVisuals Teacher will do a review and give examples previously for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Guided notes/video/Power pointStudents will review/use notes on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat questions do you have about solving quadratics using square roots and factoring, add/subtract/multi-ply complex number problems?  |
| **Thursday 02-06-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. I can show what I have previously learned for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Bell-ringer/Do Now ActivityFinal review of previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems.Choice problems will be on the board for students to solve. | Work Examples andVisuals Teacher will do a final review and give examples previously for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Guided notes/video/Power pointStudents will review/use notes on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with partners. | Practice Handout/worksheetStudents will work individually on practice problems. | Group Discussion/Exit TicketWhat questions do you still have about solving quadratics using square roots and factoring, add/subtract/multi-ply complex number problems?  |
| **Friday 02-07-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m reviewing previously learned materials for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. I can show what I have previously learned for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Bell-ringer/Do Now ActivityAre there any questions you still have before taking the Unit 4 assessments?Choice problems will be on the board for students to solve. | Work Examples and Visuals Teacher will do a final review and give examples previously for the Unit 4 assessment on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems. | Guided notes/video/Power pointStudents will review/use notes on solving quadratics using square roots and factoring, add/subtract/multiply complex number problems on the Unit 4 assessment. | Practice ProblemsThink/Pair/Share, Discussions Students will start taking their Unit 4 assessment. | Practice Handout/worksheetStudents are still taking their Unit 4 assessment. | Group Discussion/Exit TicketStudents will turn in their Unit 4 assessment. |

*\*key literacy strategy*