|  |
| --- |
| **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
 |
| **Monday 01-27-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m reviewing previously learned materials for an assessment on solving quadratics using square roots and factoring. I can show what I have previously learned for an assessment on solving quadratics using square roots and factoring. | Bell-ringer/Do Now ActivityReview problems, solving quadratics using square roots and factoring | Work Examples andVisuals Teacher will review and give examples of solving quadratics using square roots and factoring | Guided notes/video/Power pointStudents will review and ask/answer questions about their notes on solving quadratics using square roots and factoring | 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 additional thing(s) did you learn about solving quadratics using square roots and factoring? |
|  **Tuesday 01-28-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m reviewing previously learned materials for an assessment on solving quadratics using square roots and factoring. I can show what I have previously learned for an assessment on solving quadratics using square roots and factoring. | Bell-ringer/Do Now ActivityReview solving quadratics problems using square roots and factoring | Work Examples andVisuals Teacher will review and give examples of solving quadratics using square roots and factoring | Guided notes/video/Power pointStudents will review and ask/answer questions about their notes on solving quadratics using square roots and factoring | 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 additional thing(s) did you learn about solving quadratics using square roots and factoring? |
| **Wednesday 01-29-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m reviewing previously learned materials for an assessment on solving quadratics using square roots and factoring.I can show what I have previously learned for an assessment on solving quadratics using square roots and factoring. | Bell-ringer/Do Now ActivityFinal review of solving quadratics problems using square roots and factoring for quiz. | Work Examples andVisuals Teacher will do a final review and give examples of solving quadratics using square roots and factoring for quiz. | Guided notes/video/Power pointStudents will review/use notes on solving quadratics by square root/factoring to take their quiz. | Practice ProblemsThink/Pair/Share, Discussions Students are taking a quiz. | Practice Handout/worksheetStudents are taking a quiz. | Group Discussion/Exit TicketStudents will turn in their quiz. |
| **Thursday 01-30-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to define/use complex numbers by adding/subtracting. I can define/use complex numbers by adding/subtracting. | Bell-ringer/Do Now ActivityWhat are complex numbers?Have you heard about complex numbers? | Work Examples andVisuals Teacher will give examples of solving problems using complex numbers with addition/subtracting | Guided notes/video/Power pointStudents will take notes on solving problems using complex numbers with addition/subtraction | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with a partner solving problems using complex numbers with addition/subtraction | Practice Handout/worksheetStudents will work individually on solving problems using complex numbers with addition/subtraction | Group Discussion/Exit TicketWhat did you learn about solving problems using complex numbers with addition/subtraction? |
| **Friday 01-31-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m learning to define/use complex numbers by multiplication. I can define/use complex numbers by multiplication. | Bell-ringer/Do Now ActivityWhat did we learn about complex numbers? | Work Examples and Visuals Teacher will give examples of solving problems using complex numbers with multiplication | Guided notes/video/Power pointStudents will take notes on solving problems using complex numbers with multiplication  | Practice ProblemsThink/Pair/Share, Discussions Students will have an opportunity to work with a partner solving problems using complex numbers with multiplication | Practice Handout/worksheetStudents will work individually on solving problems using complex numbers with multiplication | Group Discussion/Exit TicketWhat did you learn about solving problems using complex numbers with multiplication? |

*\*key literacy strategy*