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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 01-13-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to solve quadratics by factoring. I can solve quadratics by using factoring.  | Bell-ringer/Do Now ActivityStudents will be introduced to solving quadratics by factoring.  | Work Examples andVisuals Teacher will review and give examples of solving quadratics by factoring. | Guided notes/video/Power pointStudents will take notes on solving quadratics by 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 did you learn about quadratics by using factoring? |
|  **Tuesday 01-14-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*I’m learning to solve quadratics by factoring. I can solve quadratics by using factoring.  | Bell-ringer/Do Now ActivityWhat did we learn yesterday about solving quadratics by factoring?  | Work Examples andVisuals Teacher will review and give examples of solving quadratics by factoring. | Guided notes/video/Power pointStudents will take notes on solving quadratics by 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 quadratics by factoring? |
| **Wednesday 01-15-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to solve quadratics by factoring.I can solve quadratics by using factoring. | Bell-ringer/Do Now ActivityStudents will be introduced to solving quadratics by factoring. | Work Examples andVisuals Teacher will review and give examples of solving quadratics by factoring. | Guided notes/video/Power pointStudents will take notes on solving quadratics by 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 did you learn about quadratics factoring? |
| **Thursday 01-16-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to review quadratics by square root/factoring. I can review quadratics by using square root/factoring.  | Bell-ringer/Do Now ActivityWhat did we learn yesterday, about solving quadratics by factoring?Students will continue to learn how to solve quadratics by factoring. | Work Examples andVisuals Teacher will review and give examples of solving quadratics by square root/factoring. | Guided notes/video/Power pointStudents will review notes on solving quadratics by square root/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 did you learn about quadratics and solving by square root/ factoring? |
| **Friday 01-17-25** | *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp* I’m learning to assess my knowledge of quadratics by using square root/factoring for assessment. I can assess my knowledge of quadratics by using square root/factoring for assessment. | Bell-ringer/Do Now ActivityWhat did we learn about solving quadratics by square root/factoring? | Work Examples and Visuals Teacher will review and give examples of solving quadratics by square root/factoring. | Guided notes/video/Power pointStudents will take assessment on solving quadratics by square root/factoring. | Practice ProblemsThink/Pair/Share, Discussions Students will take assessment on solving quadratics by square root/factoring. | Practice Handout/worksheetStudents will take assessment on solving quadratics by square root/factoring. | Group Discussion/Exit TicketStudents will take assessment on solving quadratics by square root/factoring. |

*\*key literacy strategy*