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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 |
| **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 Activity  Students will be introduced to solving quadratics by factoring. | Work Examples and  Visuals  Teacher will review and give examples of solving quadratics by factoring. | Guided notes/video/Power point  Students will take notes on solving quadratics by factoring. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 Activity  What did we learn yesterday about solving quadratics by factoring? | Work Examples and  Visuals  Teacher will review and give examples of solving quadratics by factoring. | Guided notes/video/Power point  Students will take notes on solving quadratics by factoring. | Practice Problems  Think/Pair/Share, Gallery Walk, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 Activity  Students will be introduced to solving quadratics by factoring. | Work Examples and  Visuals  Teacher will review and give examples of solving quadratics by factoring. | Guided notes/video/Power point  Students will take notes on solving quadratics by factoring. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 Activity  What did we learn yesterday, about solving quadratics by factoring?  Students will continue to learn how to solve quadratics by factoring. | Work Examples and  Visuals  Teacher will review and give examples of solving quadratics by square root/factoring. | Guided notes/video/Power point  Students will review notes on solving quadratics by square root/factoring. | Practice Problems  Think/Pair/Share, Discussions  Students will have an opportunity to work with partners. | Practice Handout/worksheet  Students will work individually on practice problems. | Group Discussion/Exit Ticket  What 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 Activity  What 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 point  Students will take assessment on solving quadratics by square root/factoring. | Practice Problems  Think/Pair/Share, Discussions  Students will take assessment on solving quadratics by square root/factoring. | Practice Handout/worksheet  Students will take assessment on solving quadratics by square root/factoring. | Group Discussion/Exit Ticket  Students will take assessment on solving quadratics by square root/factoring. |

*\*key literacy strategy*