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| **Grade: 9,10 - Math1**  **Teachers: Baptist, Dacres, Shore, Kwon, Watts** | **Week of: May 18 - May 24 QUADRATICS UNIT CONT’D** |
| **Teacher Resource Links: District Math 1 Packet** | |
| **Materials you will need for this week:**   * paper, pencil, computer, or smartphone   **Links to Student Online Resources:**   * **Baptist:** [https://www.khanacademy.org](https://www.khanacademy.org/coach/dashboard) **(1st** **8Y6N4S) (2nd AH3S9R) (4th P39J7R)** * **Baptist: Google Classroom (1st wpavrf6 ) ( 2nd rdr23dn ) ( 4th yg3rq4l )** * **Shore: 1st Period-Khan Academy** (**76PTKE99) Google Classroom** (**f5gown2), 2nd - Khan Academy** (**DQU72DWU) Google Classroom** (**t7xmia3), 4th -Khan Academy** (**TCY7ACZ8) Google Classroom** (**mm3wb5t)** * Kwon: Google Classroom ( i4wc2iw) Remind (8b9743) website: <https://deliakwon-math.weebly.com/> * **Watts: Khan Academy (44V6BC5F) Google Classroom (53eoghy) Remind (4thwatts20)** * **Dacres: Google Classroom (oxfju6t) Khan Academy (358ASD2S ) Remind (@swarmmath1)** | |

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| **Student/Teacher Check-In Times (Office Hours)** | | | | | |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Every  Day | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  Shore 1-2pm  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm -2pm  Kwon 2-4  Shore 9-11 am  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  Shore 1-2pm  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  Shore 1-2pm  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) |
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| **Weekly Objectives, Resources/Lesson videos, and Assignments**  **(Approximately 3 hours worth of learning)** | | | | | |
| Subject | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  | **Math 1** | **Math 1** | **Math 1** | **Math 1** | **Math 1** |
|  | **I Can...:**  **Use the zero product property & factoring to solve quadratics (a=1)**  **Tasks to Complete:**  **Watch this video:**  [Zero product property](https://www.youtube.com/watch?time_continue=856&v=yFCTTqhnmZo&feature=emb_logo)  Examples on [PurpleMath](https://www.purplemath.com/modules/solvquad.htm)  [Practice](https://themathcab.files.wordpress.com/2020/04/solving-quadratics-intro-to-zero-product-property-dhr2020.pdf)    **Due Date:** May 24  Independent Study:  Study Island  Khan Academy | **I Can...:**  **Factor trinomials of the form ax2+bx+c when a=/=1**  **Tasks to Complete:**    **Watch this** [**Video on Factoring**](https://www.youtube.com/watch?v=JlxV8qFPq7I)  **View these** [**worked-out problems with notes/reminders**](https://drive.google.com/open?id=1ixTRDYglQkOQTuM0uNtjhSfJORID9xpf)**.**  **Try** [**These Problems**](https://drive.google.com/open?id=1KQ2XrE_CM5eFiwzZPiTK4UIR9zfUy5rd)  **Due Date:** May 24  Independent Study:  Study Island  Khan Academy | **I Can...:**  **Use the zero product property & factoring to solve quadratics (a=/=1)**  **Tasks to Complete:**  **1) Watch this video** [**Using Zero Product Rule**](https://www.youtube.com/watch?v=F4cCTXWiPDg) **Bonus Video** [**here**](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:quadratic-functions-equations/x2f8bb11595b61c86:factored-form-quadratics/v/zero-product-property) **if you want to go more in depth**  **2) Review these** [**notes**](http://www.montereyinstitute.org/courses/Algebra1/COURSE_TEXT_RESOURCE/U09_L2_T2_text_container.html)  **3) Try some problems**  [**Practice**](https://www.nthurston.k12.wa.us/cms/lib/WA01001371/Centricity/Domain/2840/Zero%20Product%20Property%20Day%203.pdf) **(remember show your work) Answers at the end to help you check your understanding**  **OR**  [**IXL Practice**](https://www.ixl.com/math/algebra-1/solve-a-quadratic-equation-using-the-zero-product-property)    **Due Date:** May 24  Independent Study:  Study Island  Khan Academy | **I Can...:**    **Identify parts of quadratic graphs**  **Tasks to Complete:**  **Watch the videos:**  [Parts of a quadratic](https://www.youtube.com/watch?time_continue=10&v=cIrLi933aJ0&feature=emb_logo) in a graph  [Graphing](https://www.youtube.com/watch?v=VdVPg04t_6w&t=67s) quadratics  [Graphing](https://www.youtube.com/watch?v=xSpFz8JDbZk) a quadratic equation  [Online practice](https://www.ixl.com/math/algebra-1/characteristics-of-quadratic-functions-graphs) - graphs of quadratics  A [practice](https://www.mathworksheets4kids.com/quadratic-function/graphing/properties-1.pdf) with answers  **Due Date:** May 24  Independent Study:  Study Island  Khan Academy | **I Can...:**    **Use Desmos to identify parts of quadratics graphs**  **Tasks to Complete:**  **1.)** [**Video**](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:quadratic-functions-equations/x2f8bb11595b61c86:factored-form-quadratics/v/graphing-quadratics-in-factored-form)  **2.)** [**Task**](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:quadratic-functions-equations/x2f8bb11595b61c86:factored-form-quadratics/e/graph-quadratic-functions-in-factored-form)**: Students should type the equations into desmos and match the graphs in desmos and khan academy**  **Due Date:** May 24  Independent Study:  Study Island  Khan Academy |

\*Take video notes.