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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** |
| EveryDay | Baptist 12pm-2pm Kwon 2-4Shore 9-11 amShore 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 -2pmKwon 2-4Shore 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-2pmKwon 2-4Shore 9-11 amShore 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-2pmKwon 2-4Shore 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-2pmKwon 2-4Shore 9-11 amShore 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 24Independent Study:Study IslandKhan 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 24Independent Study:Study IslandKhan 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%3Aquadratic-functions-equations/x2f8bb11595b61c86%3Afactored-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 24Independent Study:Study IslandKhan 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 quadraticsA [practice](https://www.mathworksheets4kids.com/quadratic-function/graphing/properties-1.pdf) with answers**Due Date:** May 24Independent Study:Study IslandKhan Academy | **I Can...:** **Use Desmos to identify parts of quadratics graphs****Tasks to Complete:** **1.)** [**Video**](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86%3Aquadratic-functions-equations/x2f8bb11595b61c86%3Afactored-form-quadratics/v/graphing-quadratics-in-factored-form)**2.)** [**Task**](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86%3Aquadratic-functions-equations/x2f8bb11595b61c86%3Afactored-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 24Independent Study:Study IslandKhan Academy |

\*Take video notes.