

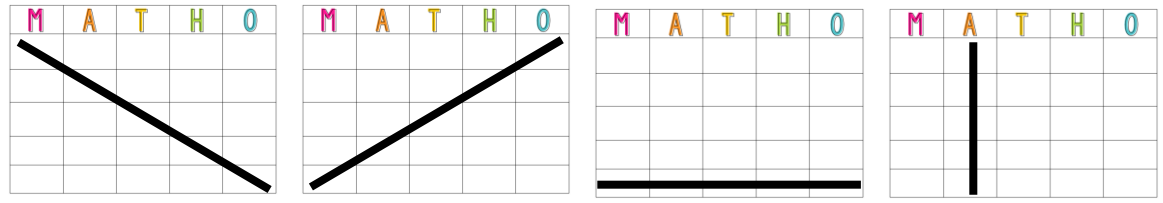
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GEOMETRY PREP MATH-O SUMMER ACTIVITY

WELCOME TO GEOMETRY PREP! As you will be entering Geometry Prep this upcoming school year, we would like to make sure that you are refreshed on all your Algebra I skills and ready for the year ahead. Throughout the summer we would like you to complete a few online tasks on the Math-O Summer Activity.

HOW TO PLAY:

- Similar to Bingo, you must complete **5 online tasks** either *diagonally, horizontally, or vertically*.
- Students must show **ALL** your work on a separate paper for each task you choose unless the task has a (*). *See next page.*



Below are the list of topics you will be reviewing along with video resources for assistance with completing the online tasks.

TOPICS	VIDEO HELP
Exponent Rules	https://bit.ly/2UbCeUK & https://bit.ly/3okJVvR
Simplifying & Multiplying Radicals	https://bit.ly/3f2lYor
Slope-Intercept Form	https://bit.ly/2U8heoU
Pythagorean Theorem	https://bit.ly/2YfuxOH
Multiplying Binomials	https://bit.ly/3gSpV9u
Solving Quadratics by Factoring	https://bit.ly/3o8AoYA

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Practice: Simplifying Radicals (4 Problems) | Khan Academy
<https://bit.ly/3gPHyGS>

Slope-Intercept Basketball Game | Math Play
<https://bit.ly/3cCaMWJ>

Multiply Binomial Times Binomial | Slider Math
<https://bit.ly/2MnQvtf>

Quadratic Factoring Practice (Do 1 problem from each level) | Math is Fun
<https://bit.ly/2A1dqb5>

Practice: Use Pythagorean Theorem to Find Right Triangles Side Lengths (7 Problems) | Khan Academy
<https://bit.ly/2ByoE7r>

Pythagorean Theorem: Find the Hypotenuse (Level 1 only) | Math Games
<https://bit.ly/2U9I60J>

Practice: Multiplying Binomials (4 Problems) | Khan Academy
<https://bit.ly/3gT3tgy>

Exponent Rules (Get to \$1,000,000) | Quia
<https://bit.ly/2MqFbfM>

Slope-Intercept Form Game* | GeoGebra
<https://bit.ly/2U4TvPa>

Simplifying Radicals Practice | Kate's Math Lessons
<https://bit.ly/2Mqkssu>

Graph a Line From an Equation in Slope-Intercept Form* | IXL
<https://bit.ly/3cChJqN>

Multiplying Polynomials (Use FOIL or The Box Method) | Soft Schools
<https://bit.ly/303iXZc>

The Pythagorean Theorem and Ladders | PBS NOVA
<https://to.pbs.org/3dvEE85>

Multiplying Radicals (Complete #1-6 only) | <https://bit.ly/2BvkPQh>

Practice: Quadratics by Factoring Intro (4 Problems) | Khan Academy
<https://bit.ly/2MvVdVU>

Multiply Radicals Practice | Kate's Math Lessons
<https://bit.ly/2U9IrAF>

Exponent Rules | Quia
<https://bit.ly/3cxhij>

Simplifying Radicals | Quia
<https://bit.ly/2ByNtjD>

Pythagorean Theorem Jeopardy (Use 1 Player. Complete only one row) | Quia
<https://bit.ly/3dqK9VL>

Graph From Slope-Intercept Form* (4 Problems) | Khan Academy
<https://bit.ly/3cvjEgv>

Practice: Multiply Binomials Intro (4 Problems) | Khan Academy
<https://bit.ly/2UafeFC>

Radicals Simplifying | Quia
<https://bit.ly/3gTccPE>

Graphing by Using Slope-Intercept Form | Quia
<https://bit.ly/2XtzDay>

The Pythagorean Theorem and Baseball | PBS NOVA
<https://to.pbs.org/2U9L31n>

Multiplying Binomials (Get to \$1,000,000) | Quia
<https://bit.ly/2XzdoS4>

(*) Students are not required to graph on their separate sheet of paper. Students will be graphing using the provided online tool.