I'm not a robot

ReviewsStandardsUse informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. For example, arrange three copies of the same triangle so that the sum of the three angles appears to form a line, and give an argument in terms of transversals why this is so.Prove theorems about lines and angles. Here you'll find no-prep digital math escape rooms that are fun for students and eliminate your need to grade! These self-checking math escape rooms are built in Google Forms with no outside links. The directions are simple -- enter a 4-letter code to advance to the next puzzle -- so students can focus all of their energy on their math. Update: Each digital math escape room recently got a printable black & white version added to its file.Add & subtract integers digital math escape roomTeachers are using digital math escape rooms as review, as independent, partner or group classwork, as station activities, sub plans, and even as concept reinforcement during summer school. Pythagorean Theorem digital math escape roomThe escape rooms can be assigned to individual students or worked on in pairs/groups. Digital math escape rooms are also nice paper-savers when students have access to technology.Update: The full-color escape rooms aren't very printer-friendly, and I heard from teachers that being able to print the escape rooms would be helpful. Last summer every digital math escape room got a printable PDF update. Every new digital math escape room will also have this black & white printable version included.Add & subtract integers - printable versionNow you can choose to assign the Google Forms version or the printable PDF version to your students. They're both in the same file. For the printable version, students can start on any of the 5 puzzles. They record their 4-letter code on their answer sheet then check the "next step" box for which puzzle to visit next.Area, perimeter, volume digital math escape roomDigital math escape rooms have been getting some great feedback from teachers and students:"I've greatly enjoyed using escape room activities with students in the past and struggled with how to implement those types of activities virtually. This activity did a great job of merging the concepts and skills of parallel & perpendicular lines with the fun and intrigue of an escape room! " - Elizabeth J. "This was SOOO much fun to use with my students. They Loved everything about the escape room! Thank you!!" - Dani B."I like to spice up my teaching by offering my students a variety of math activities. Students are challenged with solving the math problems and they stay engaged. I time them to see who can unlock the locks first. Exciting!" - Leinani K."I love these activities and so do my students. We both love the self-checking factor: me because it actually requires my students to trouble shoot what they are doing incorrectly and gives them some motivation to figure out the solution; them because it is a 100 if they can escape and they enjoy the process of trying to breakout." - Kristin K.This feedback made me so happy to read because it was exactly what I had hoped these digital math escape rooms would be-- engaging, easy to access for all students and timesavers for teachers.Quadratic word problems digital math escape roomEach digital math escape room is built in Google Forms with no outside links. Everything is housed within the Google Form. This way you never have to worry that a link will be blocked or broken. Each escape room consists of 5 puzzles. In each puzzle there are 4 questions to answer. Once students answer the 4 questions, they find their answers in the answer choices grid. This will generate a 4-letter code. Entering that code into the answer box on the Form will unlock the lock. There are 5 locks to unlock in each escape room activity. Each escape room is set with response validation, giving students the instant feedback they love and eliminating your need to grade.Geometric transformations digital math escape roomImportant note: Students do not need to be signed into Google, or even have Google accounts, for the escape rooms to work. As long as you can house the Google Form in your Google Drive, and Google is not blocked on student devices, you can send them to students no matter where your students are working. Directions for sending the escape rooms to students are inside each escape room's PDF file, along with the Google Forms link. The printable black & white version and answer key are also inside the PDF.Finding slope digital math escape roomBrowse digital math escape rooms:Adding and Subtracting Integers Digital Math Escape RoomFraction Review Digital Math Escape RoomGCF and LCM Digital Math Escape RoomDomain and Range Digital Math Escape RoomGraphing Linear Equations Digital Math Escape RoomCoordinate Plane Digital Math Escape RoomOrder of Operations Digital Math Escape Room2-Step Equations Digital Math Escape RoomPythagorean Theorem Digital Math Escape Room Quadratic Word Problems Digital Math Escape RoomPi Day Digital Math Escape Room for Middle SchoolFinding Slope Digital Math Escape Room> Browse all 95+ digital math escape rooms here.Digital math escape room bundle for middle school"This is one of the greatest purchases I have ever bought from TpT" -Kristi"BEST BUNDLE EVER. My students say they LOVE the problems in these escapes. I have used many of the escapes this year, and I LOVE that they cannot submit the assignment until all of the questions are answered correctly. Thank you so much for making this resource!" -Lori "I love these activities and so do my students. We both love the self-checking factor: me because it actually requires my students to trouble shoot what they are doing incorrectly and gives them some motivation to figure out the solution; them because it is a 100 if they can escape and they enjoy the process of trying to breakout." -KristinIf your students are in middle school, this digital math escape room bundle includes digital math escape rooms for integers, like terms, fractions, decimals, percents, the coordinate plane, expressions, exponents, GCF & LCM, mean, median, mode and range, area and circumference of circles, probability, angle pair relationships, ratios, slope, ordering rational numbers, 1-step equations, 1-step inequalities, 2-step equations, 2-step inequalities, unit rates, area, perimeter and volume, geometric transformations and composite figures. There are also digital math escape room bundles for algebra, geometry and upper elementary school.Angle pair relationships digital math escape roomSending the escape room to students:It's simple to send digital math escape rooms to students. The directions below are inside each escape room's PDF. If your Google Forms have the new "publish" button, there are directions for sharing them with students here.1) Once the escape room is in your Google Drive, open it and click the purple "send" in the upper right corner. A popup window will appear.2) In the popup, click the link icon, copy this link and share the link with students. This is the only link students will need to complete the activity.I hope your students enjoy the math escape rooms! BROWSE ALL DIGITAL MATH ESCAPE ROOMS 12 digital escape rooms. Students will answer questions and must answer them all correctly in order to 'escape' the room. The topics of the digital escape rooms in this bundle are: Congruent Triangles and Stating the Missing CongruenceMidsegments, Perpendicular Bisectors, Angle Bisectors, and MediansQuadrilaterals - Parallelograms, Rhombuses, Squares, Trapezoids, and KitesRight Triangle Trigonometry - SohCahToaSimilar Triangles and Proportionality TheoremsTriangle Sum Theorem and Exterior Angle Loading... This year I am teaching a study skills class for the first time. All of my students in the class are sophomores, which means they are all taking geometry. They're all currently learning about parallel lines cut by a transversal, so I made them a visual reference to color code: Coming back to update: since originally writing this post, I added a digital version in Google Slides. The angles in the digital version are drag-and-drop, so it can be used as a teaching tool or for student practice: The file now includes printable color, printable black and white and digital in Google Slides. Here is one of the black and white versions with patterns on the angles for colorblind students or to work as a quick printable without needing to color: There is also a blank one for teachers who have time for their kids to color their own copy. This feedback of the posters made my day! You can find the free parallel lines cut by a transversal classroom poster here. I love using task cards as a way to summarize learning. This set of parallel lines cut by a transversal task cards activity covers all the angle pairs. Students are asked to name angle pairs, name the relationship between angles, solve for x, and find angle measures. Another fun way to sum up a unit on parallel line angle pairs is with a pennant activity. This parallel lines cut by a transversal math pennant can be used as a fun activity, assessment, warm up or exit slip (each student gets one), homework, or even as sub work. Finished student work doubles as math classroom décor. You can find the parallel lines and transversals poster and coloring page for free here. There is also one covering 7th grade angle pairs standards free here. Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure. This was a good review. I assigned it to students on a day when I was absent.Strongly disagreeStrongly agree