



8th Grade MATH

Choice Board

Choose as many activities below as you would like to complete to stay engaged in math! 😊 Please remember that these are strictly **OPTIONAL!** You **do not** need to turn them in.

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| <p><u>Virtual Nerd:</u> -Use the link below to watch the video on Pythagorean Theorem. http://psn.virtualnerd.com/viewtutorial/Alg1_13_01_0004 -After watching the video, turn to page 304 in your book (textbook or online) and do problem #10 with the tree.</p> | <p><u>Solve Me Puzzles:</u> -Use the link below to solve sudoku-type puzzles, mobiles, and more using mathematical reasoning. https://solve.me/edc.org/</p> | <p><u>Big Ideas Review:</u> -Turn to page 288 to review square root (textbook or online textbook). -Do Activity 1: b-g -Answer key is in document called Review Answers.</p> |
| <p><u>Estimation 180:</u> -Use the link below to get to the Estimation 180 site. http://www.estimate180.com/day-13.html -Once there, estimate how many cheeseballs there are total in the 6 containers. -Click the 'answer' button to see the real number! -How close was your estimate?</p> | <p><u>Integer Sum Card Game:</u> <u>-How to play:</u> -Get a deck of cards and take out all face cards. You only need Ace through 10. -Black cards are POSITIVE and red cards are NEGATIVE. -Split the deck between two players. Each player will lay down two random cards from the top of their pile and ADD them (remember the negatives). -The player with the LARGEST sum takes all four cards (like war). -The player who loses all of their cards loses.</p> | <p><u>Sweet Math:</u> -Open a bag of candy that has different colors in it (skittles, M&M's, Easter eggs, etc.) -Separate the colors into piles. -Calculate the ratio of each color compared with the total number of pieces of candy in the package. -Ex: 4 reds to a total of 20 pieces is a ratio of 4:20. -Write all of these ratios as fractions, percents, AND decimals.</p> |
| <p><u>Time to teach!</u> -Take this problem: $\sqrt{25} - 3(\sqrt{4} - \sqrt{9}) + \sqrt{4} + \sqrt[3]{216}$ -Teach a sibling, parent, grandparent, or anyone (other than yourself) how to simplify and evaluate this expression in the correct order of operations STEP-BY-STEP!</p> | <p><u>Big Ideas Review:</u> -Take the Chapter 1 test found on page 36. This test reviews writing and solving equations. -The answers are attached in the document called review answers. -If you make a mistake... reread through chapter 1 and figure out how to fix it!</p> | <p><u>Khan Academy:</u> -Use the link to watch the review on parallel lines and transversals. https://www.khanacademy.org/math/basic-geo/basic-geo-angle/angles-between-lines/v/angles-formed-by-parallel-lines-and-transversals -Then use this link to solve the problem: https://www.khanacademy.org/math/basic-geo/basic-geo-angle/angles-between-lines/e/parallel_lines_1</p> |