7ᵗʰ 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.

Khan Academy: -Use the following link to watch the following video on Khan Academy covering simplifying expressions: https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-variables-expressions/cc-7th-manipulating-expressions/v/combining-like-terms-and-the-distributive-property -Then complete the worksheet that is attached named Khan Academy.	**Integer Sum Card Game:** -How to play: -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.	**Big Ideas Review:** -Take the quiz on page 114. This covers sections 3.3-3.5 (solving one and two-step equations using all four operations +, -, ×, ÷. -**The answer key is attached named review #1.** Check your answers when you are finished. -If you got something wrong… reread the sections (3.3-3.5) in the book and **fix your mistakes!**
Estimation 180: -Use the link to get to the estimation problem:http://www.estimation180.com/day-72.html -Write down your guess. -Click the **answer button** to reveal the truth! -How far off was your estimation from the real answer? -What was your **percent of error?** -HOW TO FIND PERCENT OF ERROR: pg. 243 Example 3 in Big Ideas Textbook.	**Math Card War:** -Find game on Page 221 of your textbook. Copy the numbers exactly **or** create your own numbers to use! -You need 40 cards total. Each card should have a fraction, decimal, or a percent on it. -Deal 20 cards to each player. -Play war as usual: The player who flips the higher number keeps them all! -The player to lose all of their cards first loses the game.	**What's in a name?** -Take your first name. How many letters does it have? -Divide that number by how many letters your last name has. -**NO CALCULATOR!** -Determine if the answer is **rational or irrational.** -Does the decimal **terminate or repeat?** -Definitions and examples of rational and irrational numbers **can be found on pages 44-47.**
Time to teach! -Take this division problem: $3 \div 8$ -Teach a sibling, parent, grandparent, or anyone (other than yourself) how to divide these two numbers step-by-step using **long division!** -**NO CALCULATOR!**	**Big Ideas Review:** -Read pages 30-31 (if needed). -Complete problems 8-22 even, 26-30 even, 42-45 on pages 32-33. -**NO CALCULATOR!** -**Answers are attached named review #2**	**Proportions Tic-Tac-Toe:** -The game sheet with instructions is attached named tic-tac-toe -Solve boxes and get 5 in a row to win!