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Math Baseball

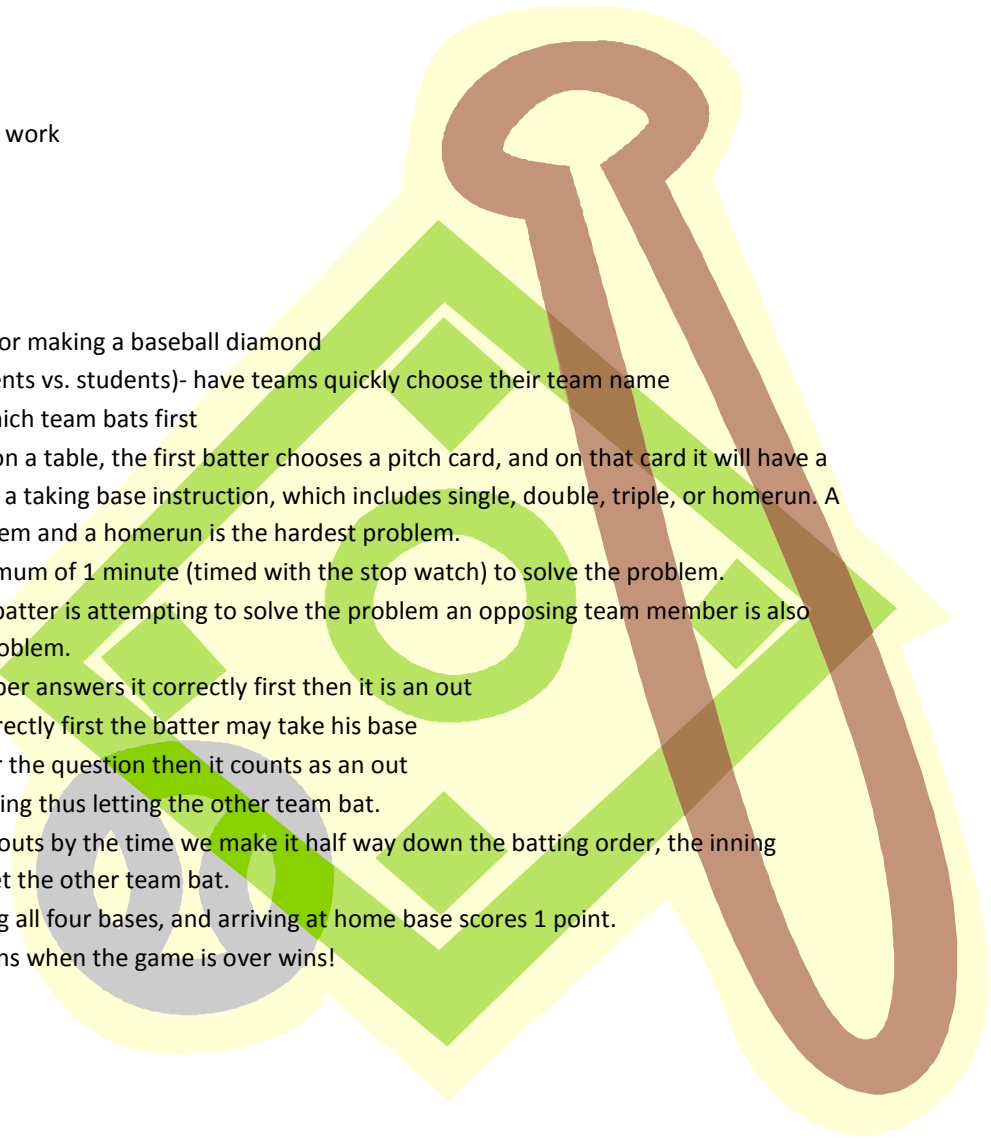
Intro: Parents and students will be playing the role of rival baseball teams. Players will need to use their knowledge of math as well as will have to think on your feet to solve the problems correctly before your opposing outfielders can. As you get the problems correct you can take your base. The winner of the game will have the most runs at the end of the game.

Materials Needed:

- Four bases(First, Second, Third, Home Plate)
- 80 Pitch Cards (Single, Double, Triple, Homerun)problems ranging from easy to hard
- Prizes for winning team
- Scoreboard
- Stop Watch
- Paper and pencils for scrap work
- Markers for score board
- 1 Coin

Directions and Rules

- Bases are placed on the floor making a baseball diamond
- Separate into 2 teams(parents vs. students)- have teams quickly choose their team name
- Flip a coin to determine which team bats first
- Pitch cards are face down on a table, the first batter chooses a pitch card, and on that card it will have a problem to solve as well as a taking base instruction, which includes single, double, triple, or homerun. A single will be an easy problem and a homerun is the hardest problem.
- Each batter will get a maximum of 1 minute (timed with the stop watch) to solve the problem.
- At the same time that the batter is attempting to solve the problem an opposing team member is also trying to solve the same problem.
- If the opposing team member answers it correctly first then it is an out
- If the batter answers it correctly first the batter may take his base
- If the batter cannot answer the question then it counts as an out
- Three outs changes the inning thus letting the other team bat.
- If we have not arrived at 3 outs by the time we make it half way down the batting order, the inning automatically changes to let the other team bat.
- Going around, and touching all four bases, and arriving at home base scores 1 point.
- The team with the most runs when the game is over wins!



Sample Problems

Single **1.** Find the sum. $1805 + 392 =$	**Single** **2.** Find the product $5 \cdot 2 \cdot 3 =$
Double **3.** Round 456.1375 to the nearest thousandth	**Double** **4.** Prime or Composite? 97
Triple **5.** Find the quotient $\frac{4964}{73} =$	**Triple** **6.** Put these in order from smallest to largest. 1/4, .255, -.2, .21
Homerun **7.** Write in scientific notation 282000	**Homerun** **8.** Find the mean of the following children's heights 33in, 36in, 24in, 30in, 57in

Answers: 1.2197 2. 30 3. 456.138 4. Prime
5. 68 6. -2, .21, ¼, .255 7. 2.82×10^{5} 8. Mean: 36