



SOLVESKETBALL!

Introduction:

This game will be played by combining the fast pace game of basketball with math. The game will involve two teams and two basketballs. Teams will answer math problems and then DRAIN shots from the designated areas. The teams will do this four times and the first team to complete all four will be the CHAMPIONS!!!!

Materials Needed:

- 2 basketballs
- 8 pencils
- Basketball Hoop
- Grand Prize to Display in Classroom

Directions/Rules:

- Group will be split into 2 teams
- 4 shooters will be designated for each team
- Teams will begin on the baseline
- At the sound of the whistle teams will sprint to station 1
- There will be a math problem on the ground for each team
- Teams will answer the problem and check with designated Judge
- Once "ok'd" shooter will pick up ball and DRAIN the shot
- The instant the ball goes in, that team may travel to Station 2.
- This process will continue until the 4th problem is answered.
- For the 4th and final Station, the shooter will run up and SLAM the ball HOME!!!
- The team to complete this first will be the SOLVESKETBALL Champion for there group.
- The team to complete this in the fastest of all teams will be named ULTIMATE Champion and receive a prize.

SAMPLE PROBLEMS

1. Use distribution in this for this $2x(x+8)$
2. Divide and round the nearest whole number $\frac{50}{7}=?$
3. Use order of operations to solve $2 \times 5 + 8 \div 2(4 - 1) = ?$
4. Solve for x $3^x = 81$
5. Solve for x $\frac{x+4}{5} = \frac{5}{6}$
6. Find out what the answer to this equation is when $x=7$ and $y=9$ $(4x+5)-2(3y)=?$
7. Solve for x $4^x = 64$
8. Simplify $\frac{64}{8}=?$
9. Simplify $2(x+5)-7x(x-4)+3$
10. Write this as a percent $0.86=?$

1.	$x^2 + 6x + 8$
2.	7
3.	22
4.	4
5.	$\frac{1}{6}$
6.	-21
7.	3
8.	8
9.	$13-7x^2-26x$
10.	86%