



Numbers Game: Student Instructions

Description

You will perform math calculations in their head and practice their speed and accuracy.

Materials

0-9 number cards (2 sets - can write numbers on pieces of paper or tell students what number they have)

Paper

Marker

Basketball

Basketball Hoop

Numbers Game Activity

- The numbers game can be played with one or two players.
- Create 10 number sheets numbered sequentially from 0 to 9 (write on pieces of paper).
- Place the sheets on the floor in ascending order (0 to 9).
- The objectives of the game are to: (1) solve a simple math problem in your head, (2) run to the number that is the correct answer, and (3) if available, shoot a basketball into the basketball hoop.
- This is a test of both accuracy (doing the math problem correctly) and speed (running to the correct number quickly). If available, shoot a basketball into the basketball hoop to practice your skills.
- One player version: The parent or teacher will say a math problem out loud such as “what is 2 plus 2?” Since the answer is 4, the player must run to the sheet with the number 4 and touch it. If available, shoot a basketball into the basketball hoop. Play up to 10 baskets or 10 correct answers.
- Two player version: The parent or teacher will say a math problem out loud such as “what is 2 plus 2?” Since the answer is 4, both players must run to the sheet with the number 4 and touch it. If available, shoot a basketball into the basketball hoop before the other player does. Turn it into a competition by keeping track of the score for each player. Play up to 10 baskets or 10 correct answers.

Tips

- To increase difficulty, provide math problems that result in two-digit answers (although digits must be different from each other since there is only one of each number for each team). In these cases, both players holding the numbers that make up the correct answer must run and kick the ball into the goal.



SCIENCE OF BASKETBALL

PRESENTED BY



- Example: $7 + 10 = 17$ (the students holding the numbers 1 and 7 must both run to shoot a basketball into the basketball hoop).
- Instead of using math problems, you can ask basketball questions, basketball equipment, basketball rules, vocab words, etc.
- Can use one basketball instead of two.
- Can modify this game by having participants go through an obstacle course or do an activity before choosing a number (Dribble around cones, run around cones, go through ladders, jumping jacks, etc).

Examples

$$2 + 2 = 4$$

$$5 - 3 = 2$$

$$9 / 3 = 3$$

$$50 / 10 = 5$$

$$1,000 / 1,000 = 1$$

-How many players are on the basketball court? Answer: 10

-How many positions are there in basketball? Answer: 5

-How much is a shot worth in basketball? Answers: 2