



# MATH MADNESS



Early math skills help set your child up for success in school and life! Talking about these concepts can happen anywhere at any time - especially during basketball games.

Ask these questions below or come up with your own!

## FOR AGES 3-5

### Numerals

Recognizing printed numbers:

- What numbers can you see on the scoreboard?
- Can you find a player with a number 5 on their jersey?

### Counting & Quantities

Knowing the order of numbers and understanding amounts:

- How many players are on the court for each team?
- If a team has 3 points and they score 1 more, how many points do they have?
- Do the teams have the same amount of players? Which team has fewer fans in the stands?
- If the team only has 2 points, have they scored a lot or a little?

### Spatial Orientation

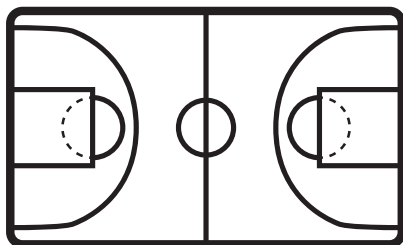
Knowing where things are in space and how they compare to others:

- Is the basketball hoop above or below the players' heads?
- Are the players close to or far away from the basketball hoop when they make a layup?

### Shapes

Identifying and describing shapes:

- What shape is the basketball court?
- What other shapes do you see on the court?
- Which lines are straight or curved?



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## FOR AGES 5-8



### Addition & Subtraction

Understanding how amounts change by combining or taking away:

- How many points are earned after a free throw, a layup, and a 3-pointer?
- If a team has 7 points and they make a 3-pointer, what is their score now?
- How many points did a team win by if the score is 50-40?
- How many minutes are left in the game at halftime?
- If a player has committed 1 foul, how many more fouls do they have left before being taken out of the game?
- How many players does the home team have in total? Count the players on the court and on the bench.

### Spacial Orientation

Knowing where things are in space and how they compare to others:

- What shape is the basketball?
- Are the players' benches on the longer or shorter side of the court?
- Are there any angles on the court? Any right angles?
- Are there any parallel lines?



### Fractions

Determining the parts of a whole:

- How many quarters are in a basketball game?
- Why do we call it halftime? What about a half-court shot?
- If it's the end of the third quarter, how many quarters are left in the game?
- Are there any parallel lines?

*For more fun  
activities, scan this  
code:*

