



MATH MADNESS



Early math skills help set your child up for success in school and life!

Talking about these concepts can happen anywhere at anytime - especially during basketball games. Ask these questions below or come up with your own!

FOR AGES 3-5

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 lay-up?

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?

Numerals

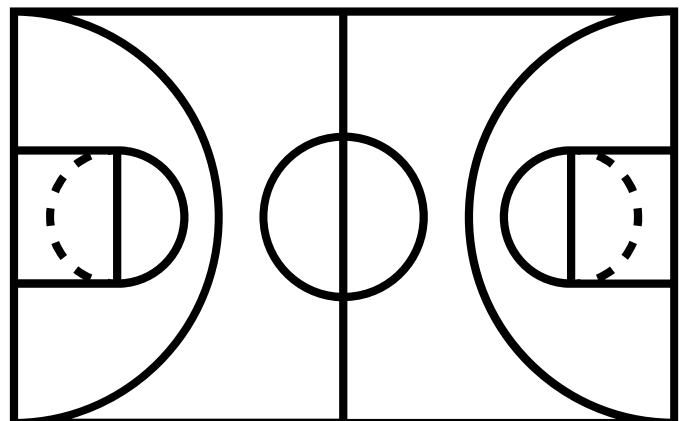
Recognizing printed numbers:

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

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

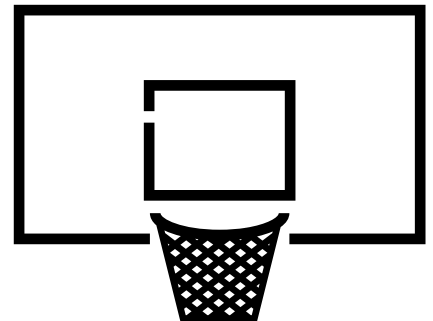
Understanding how amounts change by combining or taking away:

- How many points are earned after a free-throw, a lay-up, 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?
- How many players does the home team have in total? Count the players on the court and on the bench.

Spatial 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 sides 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?



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