

March Mathness! In recognition of the annual NCAA basketball tournament known as March Madness, challenge your students to solve these problems.

3rd – 5th Grade:

1. What fraction of the teams are eliminated from the NCAA tournament after each round? Use words and numbers to support your answer.

2. Typically, it takes 2 hours to complete a televised NCAA women's basketball game. Read the facts about time within the game.

Facts:

- The game has 4 quarters, each lasting 10 minutes.
- There is a 1-minute break between the 1st and 2nd quarter and another 1-minute break between the 3rd and 4th quarter
- Halftime is 15 minutes long.
- Each team has 3 30-second timeouts and 1 1-minute timeout

Assume that each team uses all of its timeouts. How many minutes are used for other stoppages of game (fouls, ball out of bounds, substitutions, etc.) and commercial breaks? Use words and numbers to support your answer.

3. The floor for the final four games is built in Amasa Michigan and shipped to the location the week of the games. The floor is divided into panels that are 4 feet wide and 7 feet long. The basketball court when built is 140 feet by 72 feet. How many panels are there altogether? Use words and numbers to support your answer.
