

“Compare, Shoot & Score!”

Objective:

By the end of the activity, the students will be able to:

- Compare fractions to $\frac{1}{2}$.
- Justify their answers by creating common denominators or visuals.

Materials:

- “Scoreboard” activity sheet
- “Benchmark Fraction Baskets” activity sheet
- “Fraction Cards” activity sheet
- Dry Erase Markers

Teacher Preparation:

- Copy the “Scoreboard” activity sheet and place in sheet protectors for each student.
- Copy the “Benchmark Fraction Baskets” activity sheet.
- Copy and cut the “Fraction Cards” activity sheet.
- Group students into pairs.

Directions:

- If needed, model the game for the students. As the students play, observe where they place their fractions and how they justify their answers. Ask probing questions throughout the game.

1. Place all fractions face down.
2. Take turns choosing a card.
3. Show any work to explain what basket you want to choose for your fraction. Explain to your partner why you chose that basket using the space on your “Scoreboard” sheet.
4. When you finish, partners should check each other’s work, keeping score on your “Scoreboard” sheet.

South Carolina College- and Career-Ready Standards for Mathematics:

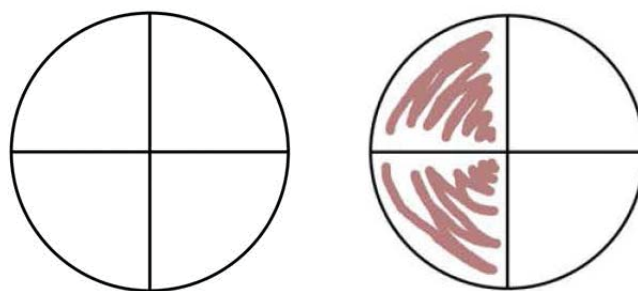
4.NSF.2 Compare two given fractions (i.e., denominators 2, 3, 4, 5, 6, 8, 10, 12, 25, 100) by creating common denominators or numerators, or by comparing to a benchmark fraction such as $\frac{1}{2}$ and represent the comparison using the symbols $>$, $<$, or $=$.

Question(s):

- [Student Name], do you agree with your partner? Why? Why not?
- Could you explain your answer in a different way?
- Why couldn’t your card go in the [another name] basket?

Teacher Model:

“I placed my fraction $\frac{2}{4}$ on the basket that states, ‘Equals to $\frac{1}{2}$.’ $\frac{2}{4}$ means I have 4 equal parts to make a whole. Of those 4 total parts, I would need to shade 2 parts. This is half of my total parts. Therefore, $\frac{2}{4}$ is equal to $\frac{1}{2}$.”



Extension:

- You may add more fractions to the cards or add another benchmark fraction to the baskets using the blank areas.

Scoreboard Activity Sheet

Scoreboard

	TIME	
	11:07	
HOME		VISITOR
<input type="text"/>		<input type="text"/>

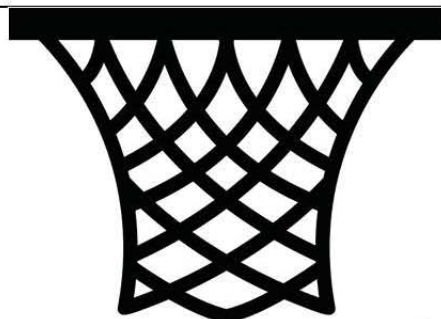
Direction: Choose what basket you want to choose for your fraction. Write or draw why you chose that basket.

Benchmark Fraction Baskets Activity Sheet

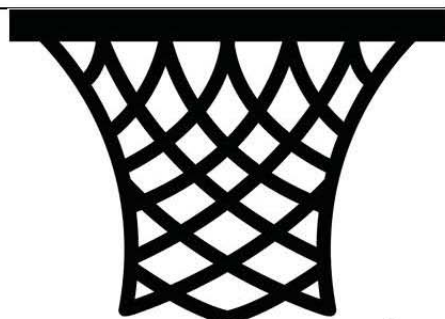
Benchmark Fraction Baskets



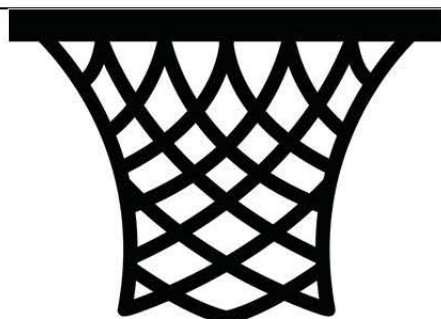
Less than $\frac{1}{2}$



More than $\frac{1}{2}$



Equals to $\frac{1}{2}$



Fraction Cards

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{1}{3}$	$\frac{2}{3}$
$\frac{1}{4}$	$\frac{2}{4}$	$\frac{4}{10}$	$\frac{1}{5}$
$\frac{2}{10}$	$\frac{4}{5}$	$\frac{2}{6}$	$\frac{1}{8}$

Fraction Cards (Blank)
