

“Who is on the Court?”

Objective:

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

- Solve two-step real world problems using addition and subtraction.

Materials:

- “Who is on the Court?” activity sheets

Teacher Preparation:

- Copy the activity sheet for each student.
- Teacher may provide manipulatives.

Activity:

Read the word problem aloud. The teacher may work through each section of the activity with the students or allow them to collaborate with their peers. During whole group, allow students to share how they represented the story using written visuals or manipulatives. Challenge them to create an equation and explain their answer through writing.

Question(s):

- What are we trying to find in this story? How do you know?
- What information does the story give us?
- How is [Student Name]’s visual representation different from yours?
- Could you model this problem differently? How so?
- How should our equation look?
- What is the best way to explain how we figured out the answer?

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

3.ATO.8. Solve two-step real-world problems using addition, subtraction, multiplication and division of whole numbers and having whole number answers. Represent these problems using equations with a letter for the unknown quantity.

Extension:

- Use the template to make additional stories for students to analyze. Vary the difficulty level by adjusting the numbers and adding multiplication or division.



Name: _____ Date: _____

Who is on the Court?

Story:

A group of friends get together to play neighborhood basketball. Team A has 5 players. Team B has 4 players. When it starts to get dark, 3 of the friends go home for dinner. How many people are still playing basketball?

What do we know?	What do we want to know?	Visual/Model

Equation:

Explain your answer.

Name: _____ Date: _____

Who is on the Court?

Story:

What do we know?	What do we want to know?	Visual/Model
Equation:		

Explain your answer.
