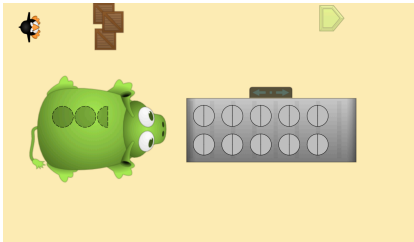
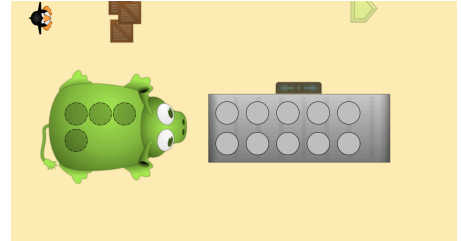


Materials

whiteboard and markers for each student
Pie Monster Game Mat

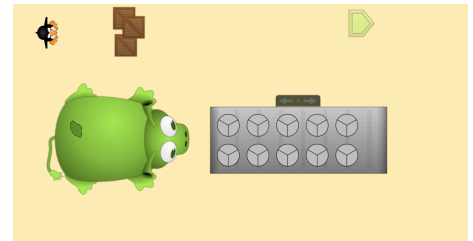
Directions

- Display the first puzzle in Level 1 with whole numbers. Have students turn and talk to a neighbor about what they notice and how they think they might solve the puzzle. Solve the puzzle and talk about what happened. Ask students to write down a number to represent how many pies the Pie Monster ate.
- Solve other puzzles from Level 1.



- Display the first puzzle that shows halves. Have students solve the puzzle on whiteboards.
- Share several answers. Look for students who also wrote the number. OR Ask students to write the number.
- Look for mixed numbers and a/b fractions. Discuss counting fractions compared to counting whole numbers.
- Discuss the equivalence. Discuss what each part of the fraction represents.

- Display a puzzle from Level 2 that includes puzzles with thirds and fourths.
- Have students discuss what they notice with a partner.
- Have students write a number on their whiteboards to represent how many pies the Pie Monster ate.
- Share several examples.
- Ask students to include the number. Look for mixed numbers and a/b fractions. Discuss the equivalence.
- Discuss counting unit fractions.
- Repeat with more puzzles from Level 2.



Sample Questions

- How many thirds/halves/fourths did you need for each whole pie?
- How many thirds/halves/fourths are there all together?
- How do you know this fraction is equivalent to this mixed number? (e.g., Why is 2 the same as $4/2$?)

What to look for

How does the student:

- figure out how many unit fractions are needed for one whole?
- count unit fractions to find the total?
- understand that the a/b fraction is equivalent to the mixed number?