

Formative Assessment Task

Kindergarten: Operations and Algebraic Thinking

K.OA.2. Solve addition and subtraction word problems, and add and subtract within 10, e.g. by using objects or drawings to represent the problem.

Directions:

1. Create a copy of the ten frame and a copy of the task for each student completing this task. Create multiple copies of the small ten frame /number sentence sheet for each student completing this task to record their ideas. They may want to use red and yellow colored pencils to record their answers. Or you could laminate a few sheets per student and have them use red and yellow dry erase markers to record.
2. Students will work to identify multiple combinations of ten. Be sure to model that 4 red and 6 yellow is different from 6 red and 4 yellow.

Considerations:

Watch how students recognize the different combinations of ten.

- When students are recording, are they aware that $9 + 1$ and $1 + 9$ both equal ten?
- How many combinations are they able to identify?

Collecting Data:

Student performance can be scored with a provided task rubric or a rubric created by the teacher.

Data can be recorded on a score sheet.

Ten Frame

Task:

I placed ten counters on my ten frame. Some were red and some were yellow. What might my ten frame have looked like?

Draw a picture and write a number sentence for each solution that you find.

Number Sentence:

Number Sentence:

Number Sentence:
