

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. Tell students that you are going to tell them some story problems and they can solve the problems using objects or drawings.
2. Choose 2-3 story problems for students to solve:
 - a. 3 children were playing on the playground. 4 more children came to play also. How many children were on the playground now?
 - b. There were 5 birds sitting in a tree. Some more birds flew in to rest. Now there were 8 birds in the tree. How many birds flew in?
 - c. Mary had some cookies. She gave 5 to Monique. Now she has 4. How many cookies did she have to start with?
 - d. Bethany has 6 cupcakes. Anne has 2 more than Bethany. How many cupcakes does Anne have?
 - e. Nancy has 10 apples. 4 are red, the rest are green. How many apples are green?
 - f. Jim had 9 crackers. He ate 7 for snack. How many did he have left over?

Considerations:

Watch how students solve the problem(s):

- Which strategy do they use to solve?
- Do they try several different strategies to solve, or just one?
- Can the students explain their thinking?
- Do the students double-check their work?
- Did some students apply a correct strategy, but get an incorrect answer?
Can they “fix it” if prompted?

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.