Formative Assessment Task

Kindergarten: Operations and Algebraic Thinking

K.OA.1: Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

Directions:
1. Tell students that you are going to tell them some story problems and they can solve the problems using whichever way they like: act out, draw a picture, use manipulative, use the provided equation "frame" and number cards, etc.

2. Choose 2-3 story problems for students to solve:
   a. Joe had 9 blocks and gave 5 to Bill. How many blocks does Joe have left?
   b. Al has 4 red balls and 6 blue balls. How many balls does he have in all?
   c. Sarah has 5 marbles. Barb has 2 more than Sarah. How many marbles does Barb have?
   d. Lisa has 10 blocks. Some are blue. 6 are red. How many are blue?
   e. Mary had 8 cookies. She ate 2. How many coolies are left?

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.

_____ + _____ = _____

_____ - _____ = _____

0	1	2
3	4	5
6	7	8
9	10	