

Formative Assessment Task

Kindergarten: Operations and Algebraic Thinking

K.OA.5. Fluently add and subtract within five.

Directions:

1. Create three copies of the *Sums of Five* black line master for each pair of students working on this task. You may want to put these in plastic sleeves or laminate them so students can play this game again. Create one copy of the number cards for each pair of students. Cut along the dotted lines. Gather about 10 counters for each pair.
2. Divide the pairs into partner A and partner B. Place the cards face down. Partner A turns over a card and places that many markers or draws them on the *Sums of Five* black line master. Then they complete the math talk sentence and eventually the number sentence. So if they drew a two, they would draw two and then write:

I have 2.
I need 3 more to get to 5.
 $\underline{2} + \underline{3} = \underline{5}$

3. After the first card is played, Player B will turn over a card and play that card. Continue on until all combinations of 5 are found. Once they play a card, they do not play that card again.

Considerations:

Watch how students recognize the amount they need to represent.

- When students are representing the amount, are they taking one counter and adding one at a time or are they purposeful taking two or more counters to build?
- Are students accurately representing the number drawn?
- Are they able to mentally compute how many more to get to 5 or are they counting using one to one correspondence?
- Are they able to create a number sentence?

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.

Sums of Five

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I have _____.

I need _____ more to get to 5.

_____ + _____ = _____

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I have _____.

I need _____ more to get to 5.

_____ + _____ = _____

0

1

2

3

4

5