

Assessment: K.NBT.1

What's In the Bag?

Goal: To assess student understanding of composing and decomposing numbers from 11 -19 as foundations for place value.

K.NBT.1 - Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.

Materials:

- 6 -8 bags with 14- 19 counters in each (enough for small group)
- Recording sheets

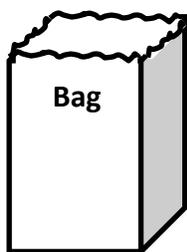
Directions:

- Put 14 – 19 objects in bags and label them with letters of the alphabet.
- It is recommended that this assessment be given in a small group setting so that the teacher can easily monitor the students.
- Give each student a bag. Ask the student to **find out how many** objects are in the bag.
- Say to the students, “When you know how many **think about if you have enough to make a group of ten and some leftovers.**”
- Write the letter of the bag on your paper “in the bag.” Answer the questions on the recording sheet. Draw a picture of what you found out.
- When the student has completed the task with one bag, give him/her a second bag. Repeat steps.

Scoring Rubric

Does not meet standard	<p>Student is unable to make a group of ten and find out how many leftovers.</p> <p>Student is unable to write a number sentence that breaks it into a ten and ones.</p>
Approaches standard	<p>Student is able to do only one of the following:</p> <ul style="list-style-type: none"> • Make a group of ten and leftovers. • Write a number sentence that breaks it in to a ten and ones.
Meets standard	<p>Student is able to make a group of ten and leftovers.</p> <p>Student is able to write a number sentence that breaks it in to a ten and ones.</p>

K.NBT.1 What's In the Bag?



Name _____

How many objects were there?

How many groups of ten can you make?

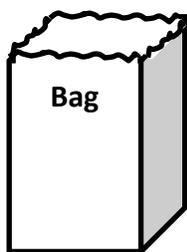
How many leftovers?

Write a number sentence to show how many.

$$\underline{\hspace{2cm}} = 10 + \underline{\hspace{2cm}}$$

Draw a picture to show your ten and leftovers?

K.NBT.1 What's In the Bag? Part 2



Name _____

How many objects were there?

How many groups of ten can you make?

How many leftovers?

Write a number sentence to show how many.

$$\underline{\hspace{2cm}} = 10 + \underline{\hspace{2cm}}$$

Draw a picture to show your ten and leftovers?