



# Session 1: Modeling (I Do)

**Learning Target:** I will count up to 20 objects.

**Readiness** for naming numbers to 120.

Bobby collected insects for a science activity. Pretend that each counting chip in this bag is an insect. How many insects did Bobby collect?

## Counting Mat




# Session 1: Modeling (I Do - Teacher Notes)

**Learning Target:** I will count up to 20 objects.

**Readiness** for naming numbers to 120.

**Bobby collected insects for a science activity.**  
*(Hold up the sandwich bag labelled, "Billy's Bugs".)*

**Pretend that each counting chip in this bag is an insect. How many insects did Bobby collect?**

**I am going to think aloud to model solving this problem.**

**Your job is to watch, listen, think and ask questions.**

**First, it is important to know what the problem is about.**  
**This problem is about Bobby collecting insects for a science activity.**

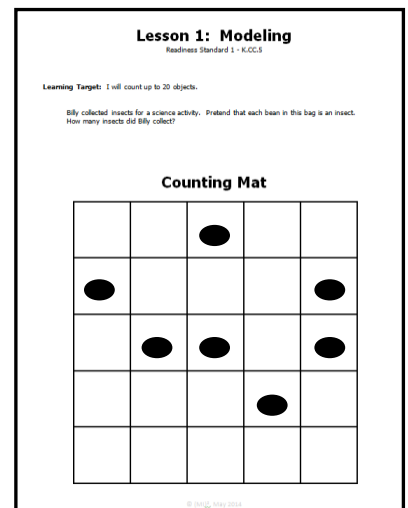
**Second, I need to determine what I need to find.**  
**I need to find the total number of insects that Bobby collected.**

**Third, I need to determine what I know.**  
**I know that each counting chip represents an insect.**

**Fourth, I need to figure out what I can try.**  
**I am going to try counting each bean on a counting mat.**  
*(Place the bag of counting chips on the counting mat.)*  
**I will arrange the counting chips so that no square has more than one chip on it.**  
*(Arrange the counting chips similar to the sample pattern.)*

**Then, so I don't count any chip twice, I will begin on the left and point to each chip as I say the counting number.**  
*(Point at each counting chips as you count, "One, two, three, four, five, six, seven")*

**Bobby collected 7 insects.**



*(Sample Pattern)*

**Last, I need to make sure that my answer makes sense.**  
**I found that Bobby collected 7 insects. It makes sense because I knew that the beans were like the bugs he collected and I needed to find the total number, so I counted each of them exactly once to find the total.**



# Session 1: Guided Practice (We Do)

**Learning Target:** I will count up to 20 objects.

**Materials:**

- 4 sandwich bags labeled A through D filled with the following number of counting chips.
  - (A = 8, B = 6, C = 10, D = 9)

**We Do Together:** (Teacher Actions)

- Place bag A on the counting mat, organize the counting chips into separate squares and invite the students to do the same.
- Point to each counting chips from left to right and say each counting number.
- Repeat the pointing and counting out loud for a second time. Invite the students to point to the each counting chip on their mat and say each counting number in unison.
- Clear the counting mat and repeat to find the total number of counting chips in bag B.

**You Do Together:** (As a class, or in small groups)

- Students take turns leading to find the total number of counting chips in bags C and D.



# Session 1: Counting Mat

**Learning Target:** I will count up to 20 objects.




# Session 1: Self-Reflection

**Learning Target:** I will count up to 20 objects.

Briefly discuss student responses:

- What did I learn today about counting?
  
- How confident do I feel about counting on my own?  
(Thumbs up, down, or sideways)

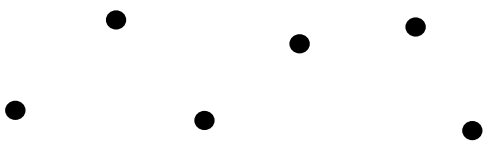
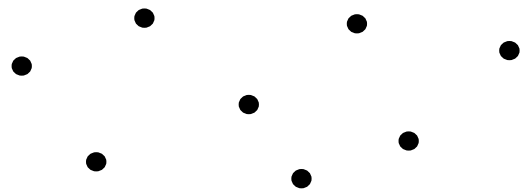
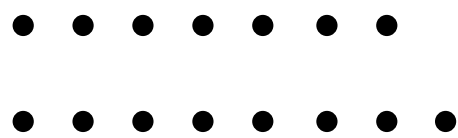
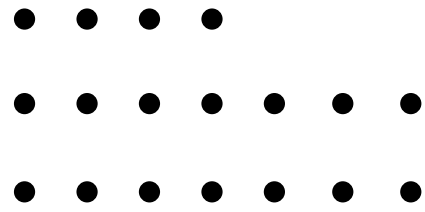
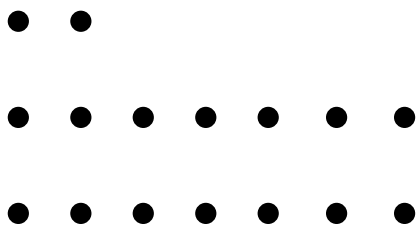
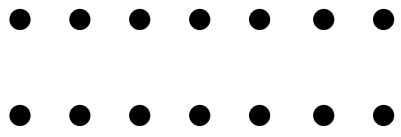


# Quick Check - Form A

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will count up to 20 objects.

**Directions:** Write how many dots are in each group. (Work time: 3 minutes)

<p>1.</p>  <p>_____</p>	<p>2.</p>  <p>_____</p>
<p>3.</p>  <p>_____</p>	<p>4.</p>  <p>_____</p>
<p>5.</p>  <p>_____</p>	<p>6.</p>  <p>_____</p>

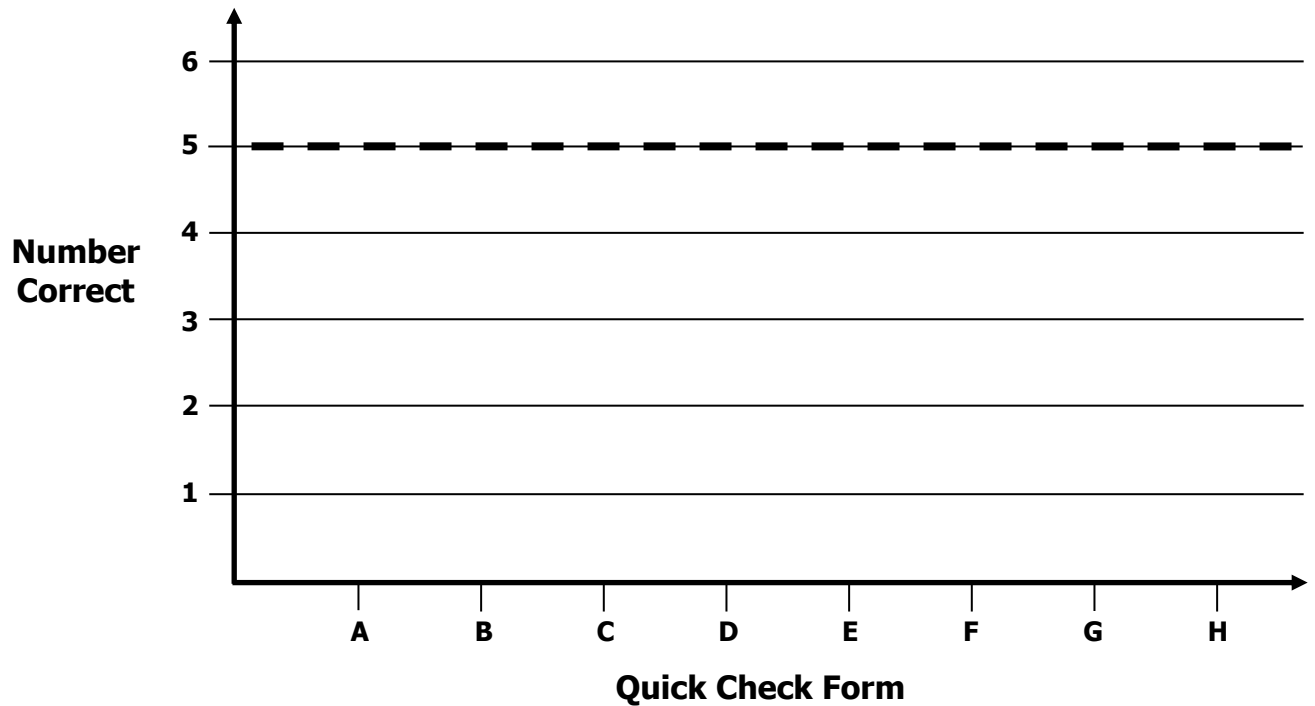


# Growth Chart

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will count up to 20 objects.

**Goal:** 5 out of 6 correct



Intervention	Date	Score
Session 1:		
Session 2:		
Session 3:		
Session 4:		
Session 5:		
Session 6:		
Session 7:		
Session 8:		



## Session 2: Guided Practice (We Do)

**Learning Target:** I will count up to 20 objects.

**Materials:**

- 4 sandwich bags labeled E through H filled with the following number of counting chips.
  - (E = 7, F = 10, G = 8, H = 9)

**We Do Together:** (Teacher Actions)

- Place bag E on the counting mat, organize the counting chips into separate squares and invite the students to do the same.
- Point to each counting chips from left to right and say each counting number.
- Repeat the pointing and counting out loud for a second time. Invite the students to point to the each counting chip on their mat and say each counting number in unison.
- Clear the counting mat and repeat to find the total number of counting chips in bag F.

**You Do Together:** (As a class, or in small groups)

- Students take turns leading to find the total number of counting chips in bags G and H.





# Session 2: Counting Mat

**Learning Target:** I will count up to 20 objects.




## Session 2: Self-Reflection

**Learning Target:** I will count up to 20 objects.

Briefly discuss student responses:

- What did I learn today about counting?
  
- How confident do I feel about counting on my own?  
(Thumbs up, down, or sideways)

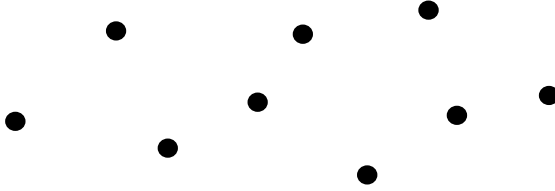
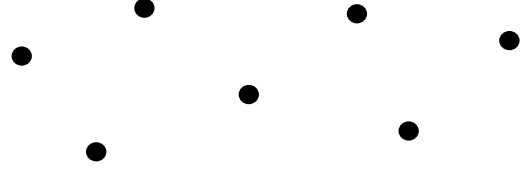
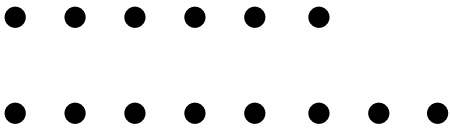
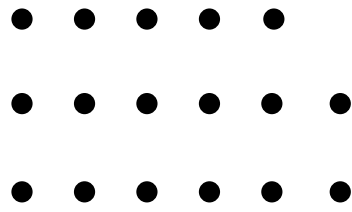
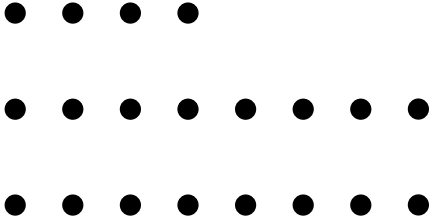
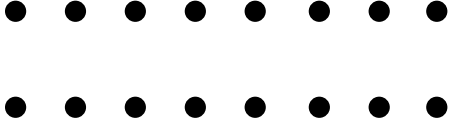


# Quick Check - Form B

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will count up to 20 objects.

**Directions:** Write how many dots are in each group. (Work time: 3 minutes)

<p>1.</p>  <p>_____</p>	<p>2.</p>  <p>_____</p>
<p>3.</p>  <p>_____</p>	<p>4.</p>  <p>_____</p>
<p>5.</p>  <p>_____</p>	<p>6.</p>  <p>_____</p>