



School District 67 Kindergarten Assessment

Spring Number Sense Assessment





Kindergarten Number Sense Assessment:

Kindergarten Assessment Tasks (Spring)

Teacher Recording Page

Student Name: _____

1. Number Identification

Ask student to identify numerals to 10. How many were correctly identified?

/10

2. Counting

a. Ask student to start at 1 and count forward. The goal is at least ten.

Y/N

b. Ask student to start at 10 and count backward.

Y/N

3. Build a Set:

Ask student to make a set of 8 objects from the collection in front of them. Watch for tagging and conservation.

a. *1-1 Tagging* Y/N b. *Conservation* Y/N

4. Order Numbers to 10

Ask student to order number cards smallest to largest.

y/n

5. Matches Numeral to Quantity

Build 3 sets (4,7,10) Ask student to use numeral cards and match to correct set. Record correct matches.

/3

6. Subitizing

Show student the subitizing cards and have them identify the image that shows 5. Student should be able to answer within a few seconds. Record number correctly identified.

/5

7. Decomposing

Ask student to decompose 10 in 3 ways. Use the Number Bond and manipulatives page to help students organize if necessary. See rubric for scoring. *Optional: Student can record thinking on student decompose page.*

/3

8. Real-Life Example

Ask student "Where would you see 8 of something in real life?" See rubric and detailed teacher guide for scoring.

/3

9. Representation of Number

Ask student to represent the number 8 in three or more ways. Use *Student Page 1: Representing the Number: Concept Circle*. See rubric for scoring.

/3

10. Printing Numerals to 10

Ask student to write numbers to 10. Use *Student Page 2: Printing Numbers*. See rubric for scoring.

/3

1	2. a	2. b	3. a	3. b	4	5	6	7	8	9	10

Scores above are to be entered into Ed Plan Insight in May of Kindergarten year.



Kindergarten Number Sense Assessment:
Task Materials: Number Recognition

1

4

8

2

10

5

7

6

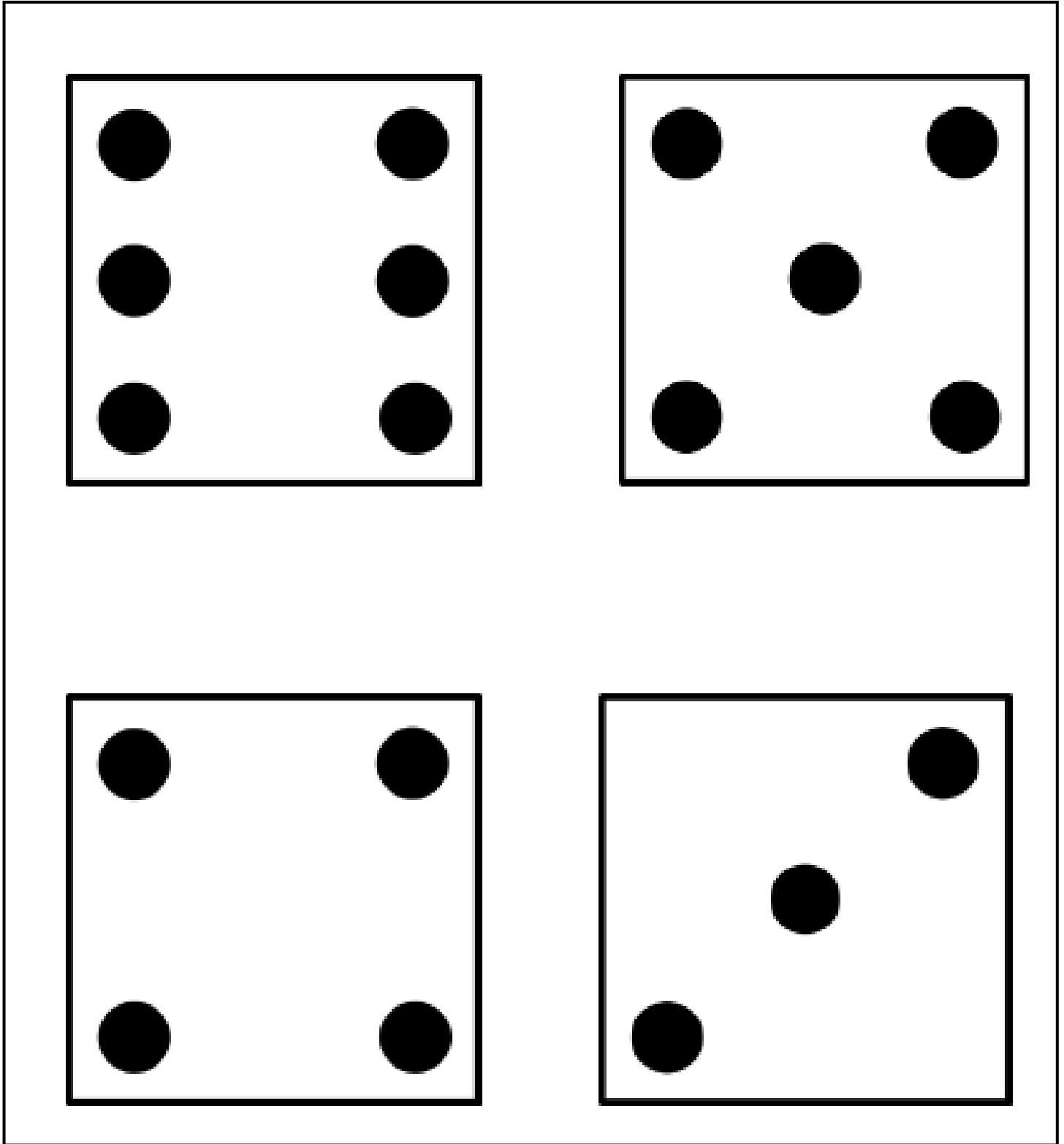
9

3



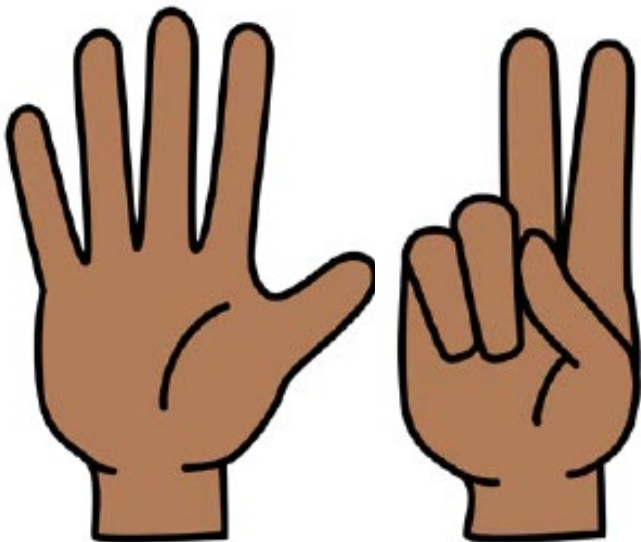
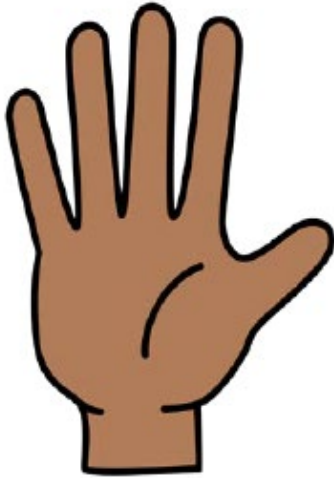
Kindergarten Number Sense Assessment

Task Materials: Subitizing Mats



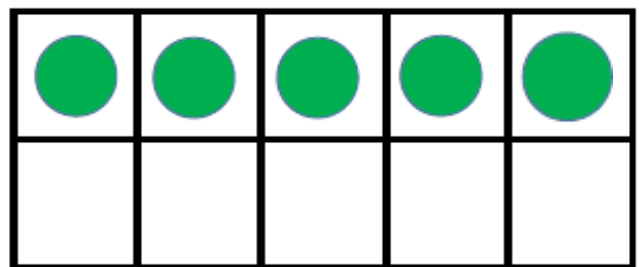
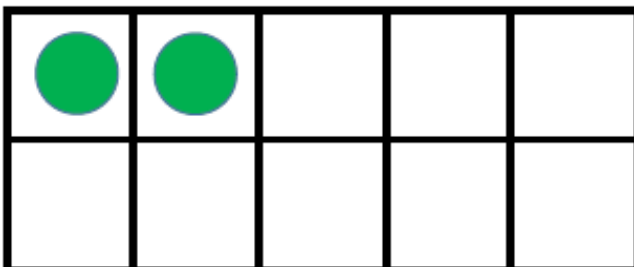
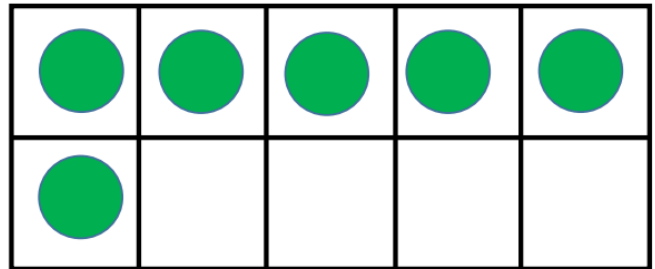
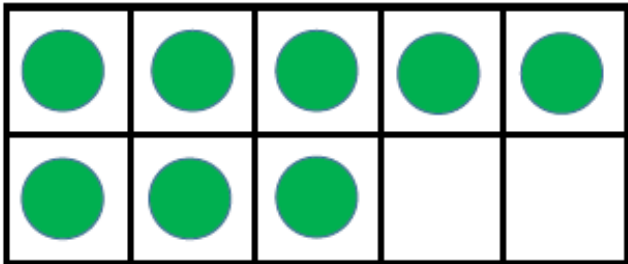
Kindergarten Number Sense Assessment

Task Materials: Subitizing Mats



Kindergarten Number Sense Assessment

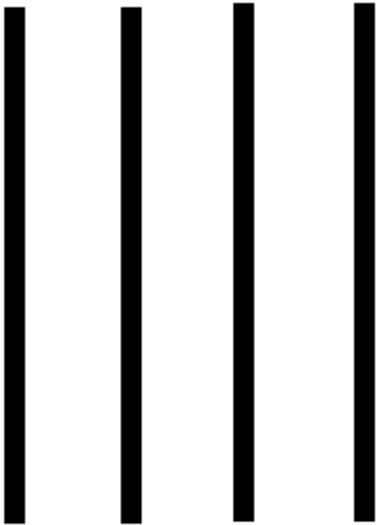
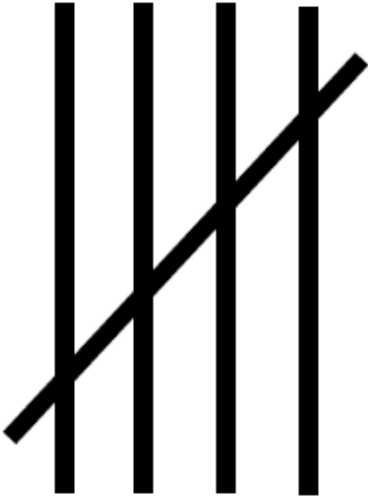
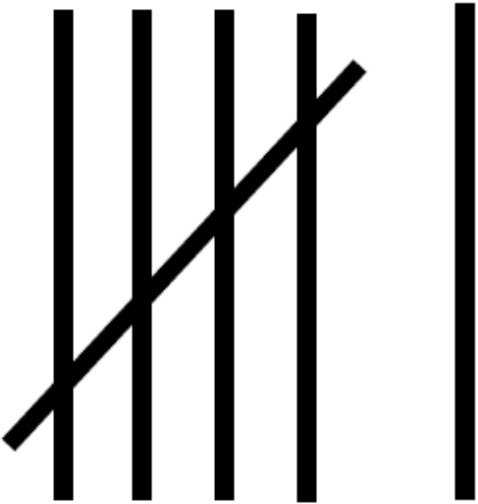
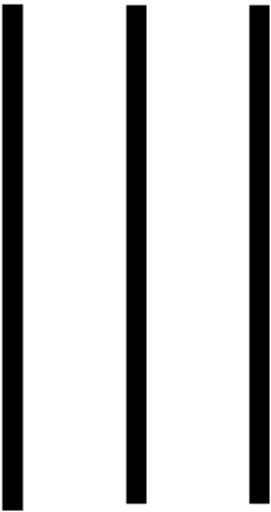
Task Materials: Subitizing Mats





Kindergarten Number Sense Assessment

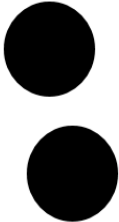
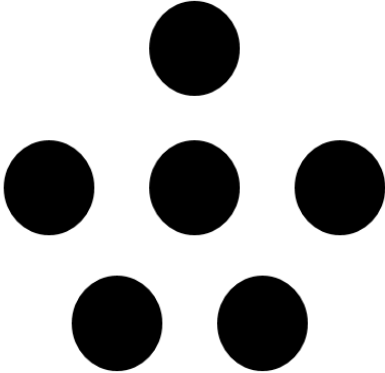
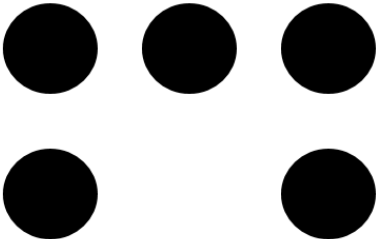
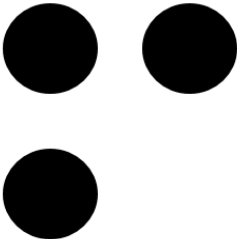
Task Materials: Subitizing Mats

 A subitizing mat with four vertical black lines.	 A subitizing mat with four vertical black lines and a diagonal black line crossing them from bottom-left to top-right.
 A subitizing mat with four vertical black lines and a diagonal black line crossing them from bottom-left to top-right.	 A subitizing mat with three vertical black lines.



Kindergarten Number Sense Assessment

Task Materials: Subitizing Mats



Kindergarten Number Sense Assessment

Task Materials: Number Tiles

0

1

2

3

4

5

6

7

8

9

10



Kindergarten Number Sense Assessment

Student Page 1: Represent the Number

Name: _____

A large circle is divided into four equal quadrants by two diagonal lines. The quadrants are labeled as follows:

- Tally Marks**: Top quadrant.
- Picture**: Right quadrant.
- Ten Frame**: Bottom quadrant.
- Dice**: Left quadrant.

In the center of the circle is a smaller circle containing the number **8**.

In the **Ten Frame** quadrant, there is a 2x5 grid of ten empty boxes for representing the number 8.

A horizontal bar composed of ten equal rectangular segments. The first five segments from the left are shaded light gray, and the last five segments are shaded dark gray.



Kindergarten Number Sense Assessment

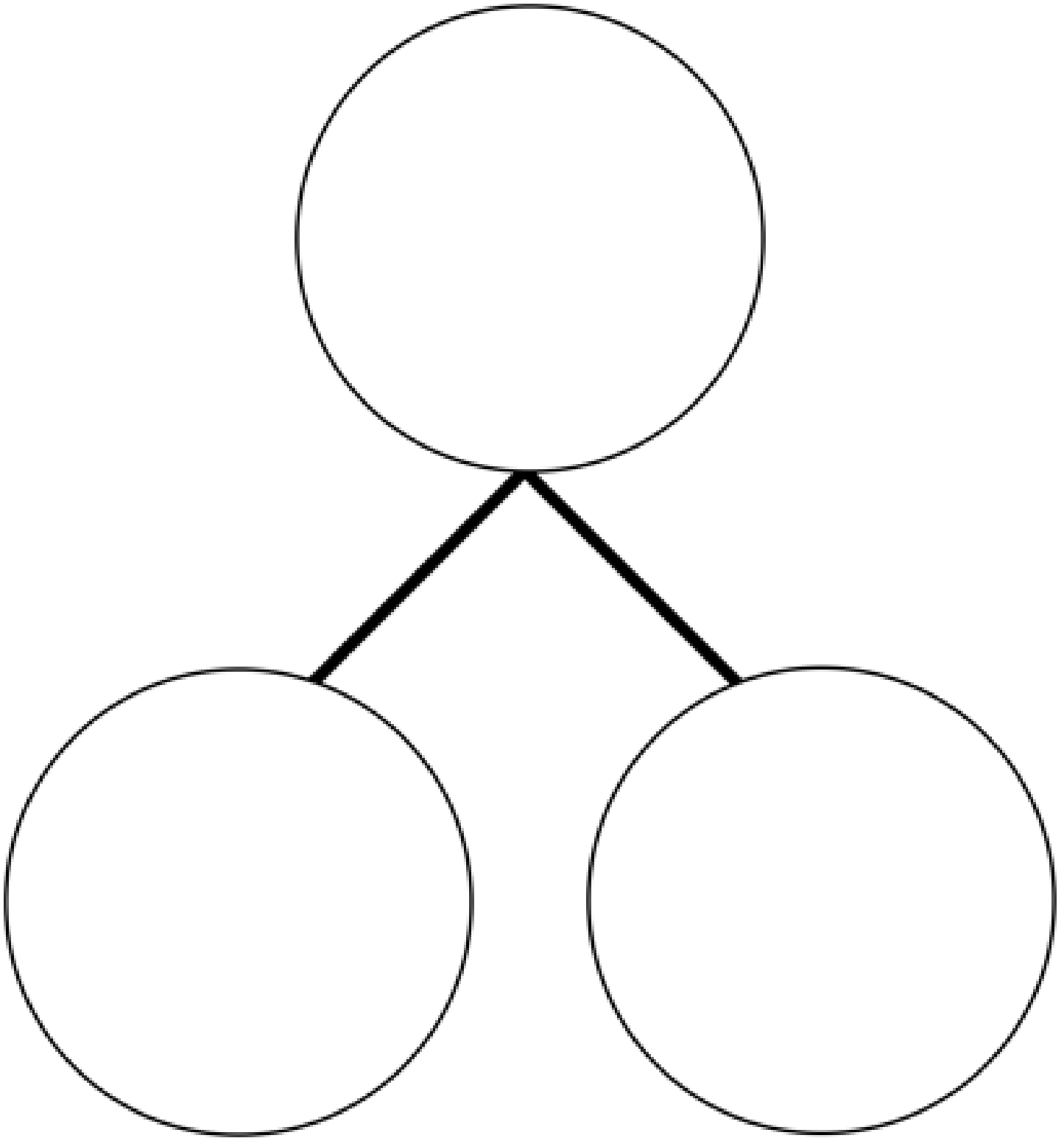
Student Page 2: Printing Numbers

Print numbers to ten:



Kindergarten Number Sense Assessment

Task Materials: Decompose the Number

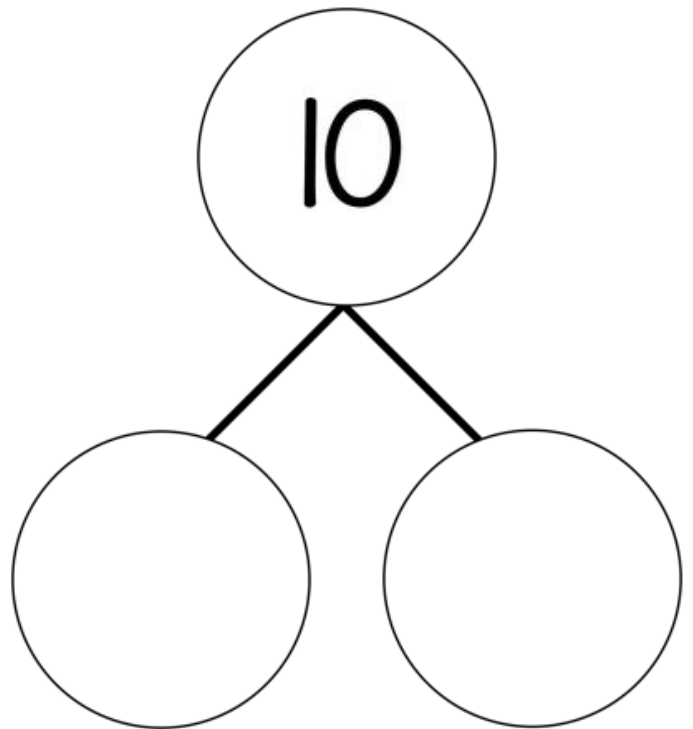
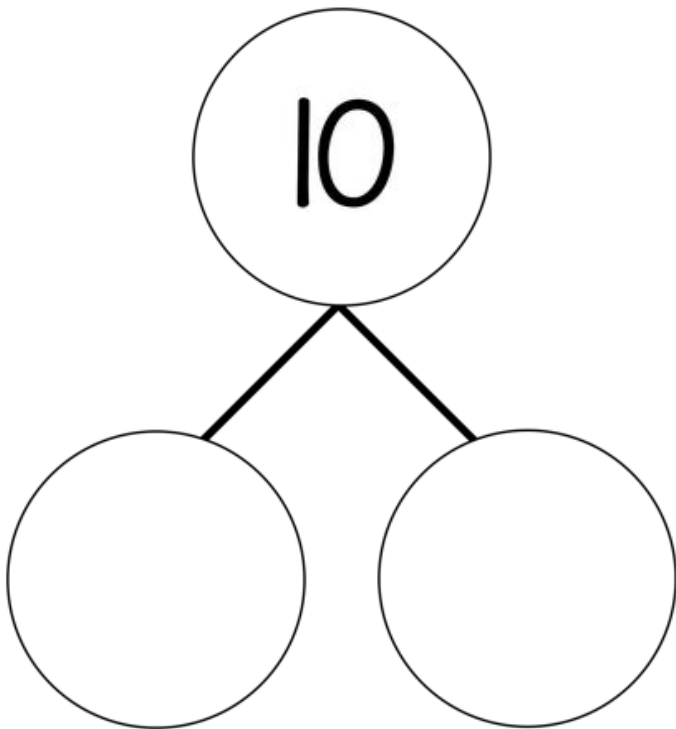
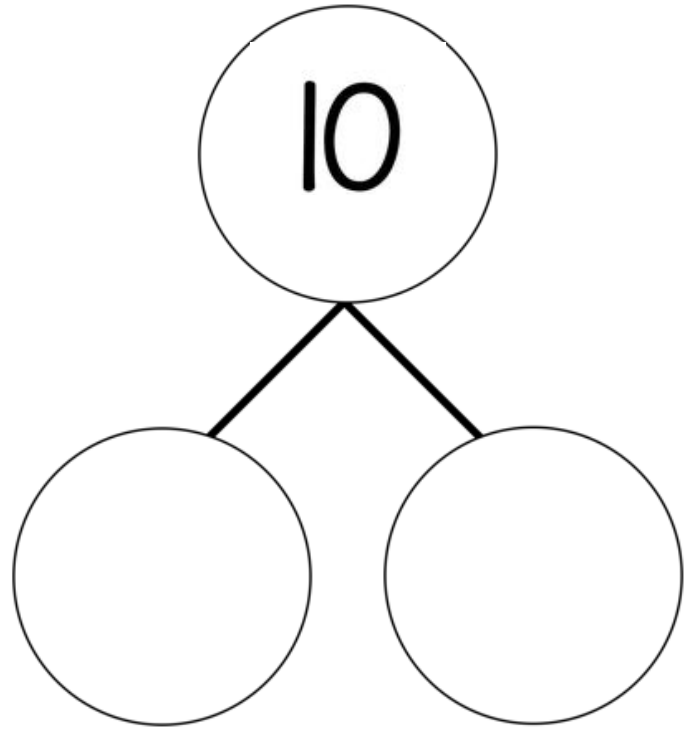
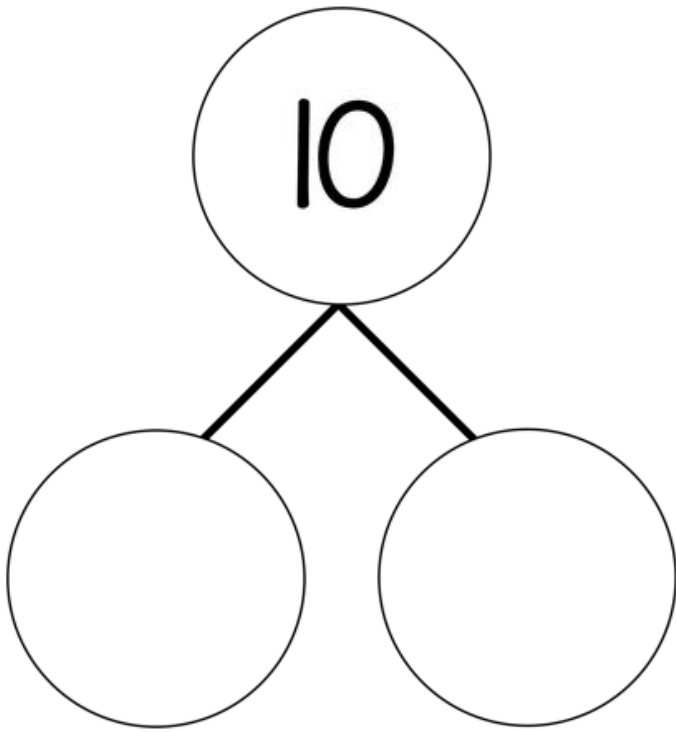




Kindergarten Number Sense Assessment

(Optional) Student Page 3: Represent the Number

How many ways can you make ten?





Kindergarten Number Sense Assessment

Student Task Tracking Page (optional use)

Student Name _____

Task/Skill	Date:		Date:		Date:		Comments
Identifies Numerals to 10							
Counts forward to 10							
Count back from 10							
Builds Sets of 8 with 1-1 tagging and conservation	Cons.	1-1	cons	1-1	Cons.	1-1	
Order numbers to Ten							
Matches quantity to numerals							
Subitize							
Decompose 10 in 3 ways							
Real-Life Example of 8							
Represents Number in 3 Ways							
Writes Numerals to 10							

Notes/Observations:

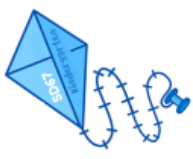
Number Sense will continue to develop over the school year. This data collection form could be used to track student progress over the school year. Teachers do not need to assess each item each term.

[illegible]

Kindergarten Number Sense SNAP Rubric

Rubric for Assessment Tasks requiring a 1-3 Scoring where 1=Emerging 2=Developing 3=Proficient

*Other Tasks are scored as indicated in Teacher Guide or Task List Page



	1 EMERGING	2 DEVELOPING	3 PROFICIENT
Printing Numerals	-able to print one or two numbers -not yet able	- Prints some numbers to 10 - More than 4 reversals - Relies on copying visual to print numbers	- Print numbers to ten accurately, - Some reversals ok - Might use a visual for one number, but most are automatically recalled
Represent Number	-Is not able to represent the number accurately	Can represent the number in one or two ways	- Can represent the number in at least three ways, including printing the numeral
Decompose Number	-Not yet able to	-With prompting, decomposes the number one or two ways, - needs support to verbalize the parts	- Accurately decomposes the number three different ways - -verbally names the parts (5 and 1, 4 and 2 etc....) - use of manipulatives
Real-Life Connection	- Does not provide a real-life example that shows the value of the number or - Not able to provide the relevant details after prompting	- Provides a real-life example but requires significant prompting to include relevant details (See Teacher Guide)	- Provides a real-life example that demonstrates understanding of the number value (See Teacher Guide)