#1. Understanding Individual Quantities (Cardinality)

Cardinality is knowing the number of objects in a group or set.
The last number said when counting is the quantity of the group or set.

Why is this important?

This skill is used on a daily basis. Counting is a predictor of future math abilities. Without the ability to count, you will be unable to add and subtract. This skill will help children understand counting order and counting sequence. This skill ties to literacy when recalling information from a story. What happens first, second, third, etc?

1a. Student will identify the number of objects in a group or set.

Example:  **= 3**

1b. Student is given a number and will use objects to build the number.

Example: Student is told to represent the number 4 with objects. Student builds the group or set of 4 with counters.

Student builds 

1c. Given a digit, state the quantity.

Example: Student is shown a number and will verbalize the number.

5 – Student says 

1d. Given a quantity, write the digit.

Example: Student is given the number verbally and will write that number.

Adult says 

, student writes 5.

1e. Given a set, write the digit.

Example: Student is given a group of objects and will write that number.

Student is shown  , student writes 2.

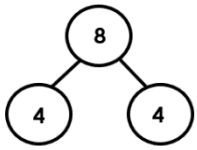
1f. Given a digit, select/build the set.

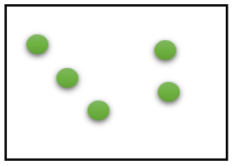
Example: Student is shown and/or told a number and will build that number with counters.

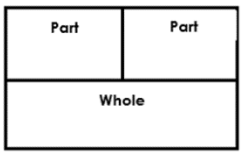
Student is shown 3, builds  .

1g. Given a partitioned set, state the subsets and the set.

Example: Number bond picture, subitizing, part-part-whole.







1h. Given two quantities, build subsets and state the set quantity.

Example: Student is given two numbers verbally, builds those numbers, then states the total amount.

5 circles + 2 circles

7 circles

1i. Given two digits, build subsets and state the set quantity.

Example: Student is shown two numbers, builds those numbers, then states the total amount.

Student is shown 5, student builds  .

Student is shown 2, student builds  .

Student says 7.