

## Home Connection

Welcome to Dimensions Math for Grade 1. This year in math, your child will be building a strong foundation in number sense that will set the stage for deep understanding of mathematical concepts in the grades that follow. This Home Connection is meant to be a window into the math classroom and show you the concepts and language your child is seeing day to day. Children feel confident when they can practice at home and use the same mathematical language at home that they use in the classroom.

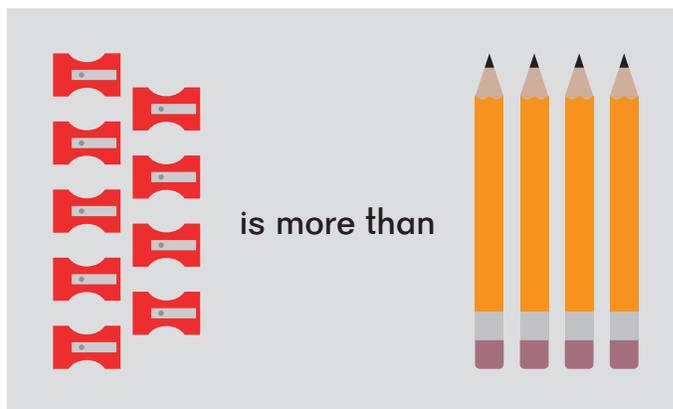
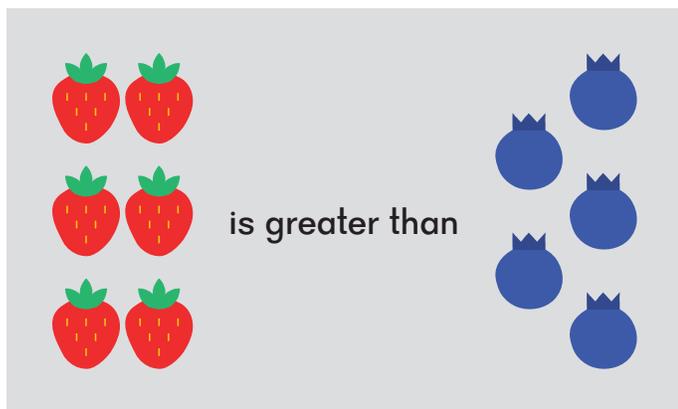
In Chapter 1, students are introduced to the digits 0 – 9, how the position of the numeral is important, and to the place value system of 1 ten equaling 10 ones. These concepts are the building blocks for understanding place value in the lessons to come.



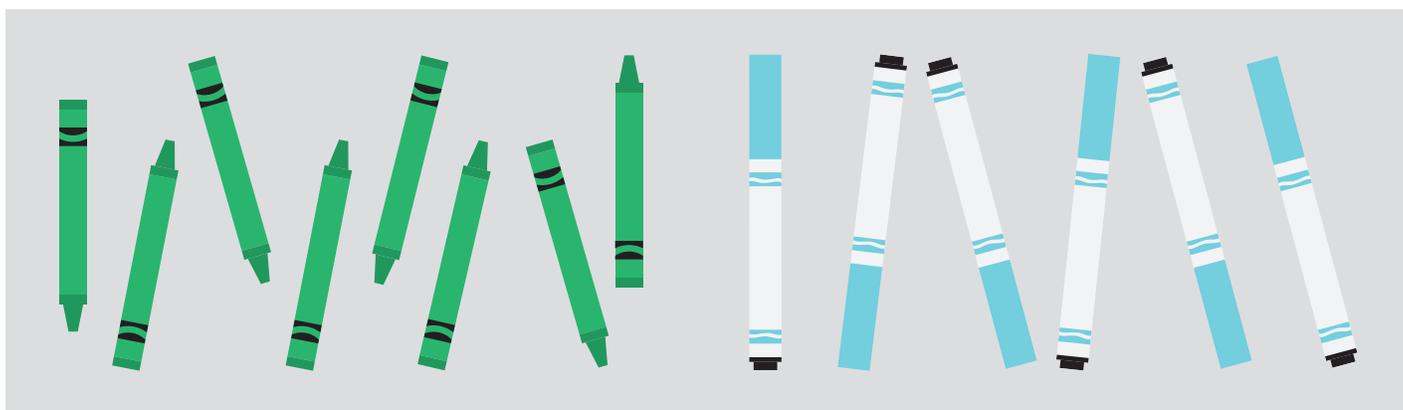
Your child will also begin identifying the corresponding number words for each numeral and comparing quantities and numbers.

Students will be taught to use the words “greater than” and “less than,” rather than “bigger” or “smaller,” as this will help students recognize quantity rather than shape or size. Encourage your child to say, “Six is greater than five,” rather than, “Six is bigger than five.”

## Greater Than or More Than



## Fewer Than or Less Than



“Fewer” is used to compare object that can be counted, while “less” is used for abstract quantities. Some example include, “I have fewer ducks than chickens,” “I have less water than milk,” and “6 is less than 8.”

### What can we do at home?

- Play Finger Flash: Hold up 1 – 10 fingers for about 2 seconds and ask your child to tell you how many fingers they see. Pause for longer, if your child needs to touch and count the fingers.
- Practice writing or tracing numerals 0 – 9 on paper or in shaving cream, coffee grounds, or salt. Ask your child to write your phone number, street number, or other numbers in her world.
- Count objects around the home and compare the quantities. Encourage your child to tell you about the groups using “more than,” “greater than,” “less than,” or “fewer than.” For example, your child counts 5 carrot sticks on your plate and 3 carrot sticks on his plate and says, “You have more carrot sticks than me,” or “I have fewer carrot sticks than you,” or “3 is less than 5.”
- Play the Game of War using cards, dice, or dominoes: Both players flip a card (rolls a die or chooses a domino). Compare the numbers and the player with the greater number keeps the cards (or scores a point).