

Mathematics Chapter 2 Overview

Question: How can you subtract numbers from 10 or less?

Vocabulary: USE THESE WORDS WHEN YOU EXPLAIN YOUR WORK! ☺

Compare: to describe whether amounts or sizes are equal to, less than, greater than each other

Difference: the answer in a subtraction problem

Fewer: smaller quantity or amount

Minus: a symbol that shows subtraction

More: greater quantity or amount

Subtract: to take away objects from a group or to compare groups

Subtraction sentence: a number sentence where one number is subtracted from another

Lesson Tips:

2.1 In this lesson, you are showing how to take from with pictures. To show “taking from” with pictures, it is important to circle and “X” out the group that is being taken from. For example, if you have 5 and take away 2, then the 2 you “take from” the group should have a circle around them and an “X” through the group.

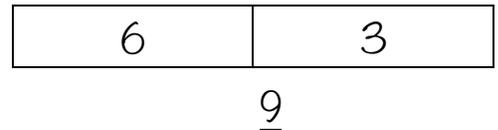
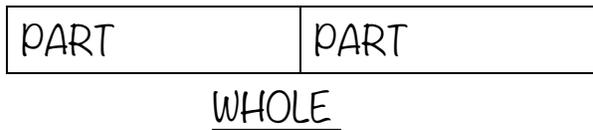
2.2 How do you model taking from a group? When you circle and “X” out the group taken from the whole, use the words “minus”, “difference”, and “subtraction sentence” when explaining it.

2.3 While you model taking apart, use two colors to show your work. Seeing the counters (circles) in two separate colors helps you to identify the part subtracted along with the difference. Say your new vocabulary word “subtraction” in sentences.

2.4 We are making subtraction models to solve problems!

Remember:

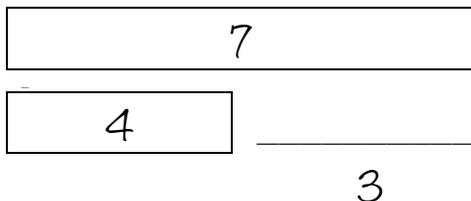
- What do I need to find?
- What information do I need to use?



2.5 Let's compare groups, subtracting to find how many fewer or how many more. When comparing, draw lines to match the items. Make sure to not cross the lines when matching the pictures.

2.6 In this section, you are bringing together the two strategies you have learned (pictures and bar model). Here's an example of using the model:

James has 4 stones. Heather has 7 stones. How many fewer stones does James have than Heather?



3 fewer stones

$$7 - 4 = 3$$

2.7 What happened when you subtract 0 from a number? The difference should be the same as the starting number. ☺ What happened when you subtract 6 from 6? The difference is 0! Memorize these types of subtraction sentences.

2.8 This section is about showing all the ways to take apart a number. I recommend to start all with one color. With each row, remove one of that color and replace it with the other color. Continue this process until you have found all the ways.

2.9 Our last section of chapter two is about writing subtraction sentences vertically and horizontally. Aligning the numbers vertically helps with understanding the place value of them. I remind them that the greatest number is the first and top number in the subtraction sentences. Then we subtract a part from that whole, finding the remaining part.

$$\text{Whole} - \text{part} = \text{part}$$