

Adding and Subtracting Using Ten Frames

Slide 1

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Slide 2

Ten Frames are useful tools to assist in the development of early number relationships. In this podcast we will learn how to use ten frames to complete addition and subtraction problems.

Slide 3

We will begin by completing the following problem: $8 + 6 =$. First, we will add 8 counters to the ten frame to represent the number 8.

Slide 4

Next, I will place 6 counters in the second ten frame to represent the number 6. Next, we will count the counters on both ten frames. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14. I know that the total number of counters is equal to 14. This means that $8 + 6 = 14$. Once students become familiar with ten frames, they will learn to group the counters into groups of ten. Some children will move 2 of the red counters into the first frame to complete the ten frame. Then they will see one completed ten frame which is equal to ten plus 4 more which equals 14.

Slide 5

Let's take a look at how to complete the following subtraction problem using ten frames: $9 - 3 =$. First, I start with 9 counters. Next, I remove 3 counters. This leaves me with a total of 6. This means that $9 - 3 = 6$.

Slide 6

If you would like to try these types of problems at home, there is a printable tenframes worksheet at the end of this podcast.

Slide 7

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