

Represent Numbers

Lucas is learning all of the ways he can represent a number. He wants to make a book with a page for each number!

He knows six different ways to show a number.

A numeral, a number word, tally marks, a picture, an addition problem, and a subtraction problem!

All of these are ways to show the number 1! Let's help Lucas represent other numbers.

Here is the book that Lucas started. This is the page for the number 1! He needs help with the other numbers. Let's help Lucas represent the other numbers.

Lucas wants to show the number 2.

He already wrote the numeral. Now, Lucas wants to show the number word. How do you write the word two?

Here! Two.

Now, we need tally marks. 1, 2. There are two tally marks here. What about a picture?

Here are 2 circles. Now we need addition and subtraction problems. What are two numbers that have 2 as the sum?

1 and 1! 1 plus 1 is 2. What about two numbers that have 2 as a difference?

3 and 1! 3 minus 1 is 2. Wow! We helped Lucas show the number 2!

Lucas needs help with the page for the number 5!

He already wrote the numeral. Now, Lucas wants to show the number word.

Five.

Now, we need tally marks.

This is a group of 5!

What about a picture?

Here are 5 squares.

Now, we need addition and subtraction problems.

Do you see two numbers that have 5 as a sum?

2 and 3! 2 plus 3 is 5. What about two numbers that have 5 as a difference?

7 and 2! 7 minus 2 is 5. Wow! We helped Lucas show the number 5!

Let's help Lucas with another page. Here is the number 8! Where is the number word for 8?

Here! Eight.

What about tally marks?

These tally marks show 8! There's a group of 5 and 3 more!

Do you see a picture that shows 8?

Here are 8 triangles. Now we need addition and subtraction problems.

Do you see two numbers that have 8 as a sum?

That's right! 4 plus 4 is 8. Which two numbers have 8 as a difference?

Excellent! 8 minus 0 is 8. We helped Lucas show the number 8!

Lucas needs our help with one more page! It has the numeral 10 on it! Here is the number word for ten.

Do these tally marks show 10?

Yes! There are two groups of 5.

Does this picture show 10?

This picture shows 10! There are 10 rectangles here. Does 6 plus 4 make 10?

It does! 6 plus 4 is 10. What about 11 - 1? Does that make 10?

Yes! 11 minus 1 is 10. We did it!

You did a great job helping Lucas finish his book! He is excited to know the ways to represent numbers!
