



Chapter 2 Working with Ten

This second chapter of *Think Math!* focuses on working with ten and multiples of ten. Because our place-value system is based on ten, children must be completely comfortable with number pairs that have a sum of ten and must be able to start at any number and either add or subtract ten. Children also use tens as a benchmark for making comparisons.

About the Math

- Children compare quantities using appropriate symbols ($>$, $<$, $=$)
- The Number Line hotel is introduced (0-99 chart) in which all numbers with the same tens digit are in the same row and 0 is at the bottom. This tool helps children shift to using place value to solve addition and subtraction.
- Children work with number pairs that have a sum of 8, 9, 10, 11, and 12 and determine that these sums are never more than 2 away from 10, which makes the comparison with 10 valuable and easy to see.
- The number line is used to find the distance between two numbers (counting spaces rather than digits).
- Children identify the closer 10, which is the language used for rounding.

Vocabulary

sum

$6 + 3 = 9$
The sum is 9.

nearest

The nearest ten to 26 is 30.

Literature Connection

Making Tens: Groups of Gollywomples

By John Burstein

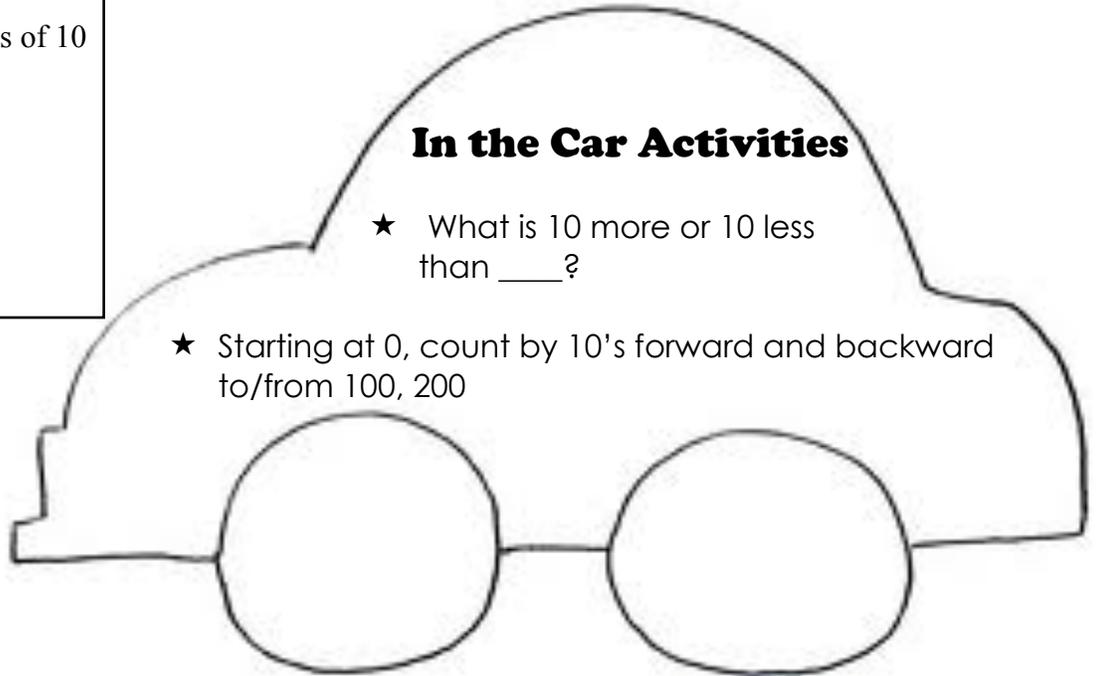
Math Concept: finding sums of 10



In the Car Activities

★ What is 10 more or 10 less than ____?

★ Starting at 0, count by 10's forward and backward to/from 100, 200



Family Fun

Fingers Up for 10!

Work with your child to add two numbers by making 10.

- Name two numbers from 5 to 10. Show one number with your fingers. Your child shows the other number. Make sure to use all of the fingers of one hand for the first 5 of each number.



- Add the two numbers by making 10. Put your hand of 5 with your child's hand of 5. This makes 10. Then add the rest of the fingers and add it to 10.



- Repeat several times with different pairs of numbers from 5 to 10.

X- Concentration

Work with your child to practice adding two numbers with a sum of 10.

- Gather a deck of playing cards and remove the 10's, jacks, queens, and kings.
- Mix the 36 cards. Place them face down in 4 rows of 9 like this.
- Take turns with your child. On each turn, a player turns two cards face up. If their sum is 10, the player takes the cards and goes again. The player continues until the pair does not add up to 10.
- Take turns until all cards are paired.
- As a variation, play with cards from only 2 suits.

