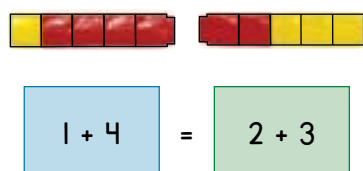


FAMILY MATH

Make the Same Total in Varied Ways

Dear Family,

Your student is learning about the meaning of the equal sign. They learn that an equal sign means that the expression or number on either side of the sign have the same total. This is important so your student doesn't only think of the equal sign as a signal for an answer. Your student continues exploring different expressions with the same total by finding all of the ways to add two numbers to make any value from 0 to 10. They also build on their work with doubles facts to find the total of doubles +1 facts.



The cubes show that the totals on each side of the equal sign are the same.

$$\begin{array}{c} 5 + 1 = 2 + 2 + 2 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 6 \qquad \qquad 6 \end{array}$$

True

~~$$\begin{array}{c} 2 + 5 = 3 + 3 \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 7 \qquad \qquad 6 \end{array}$$~~

False

If the totals on each side of the equal sign are the same, the number sentence is true. If the totals on each side of the equal sign are not the same, the number sentence is false.

	$0 + 6$
	$1 + 5$
	$2 + 4$
	$3 + 3$
	$4 + 2$
	$5 + 1$
	$6 + 0$

Color counters show all of the expressions that add to 6.

Thinking of a doubles fact and adding 1 is referred to as doubles +1 facts.

At-Home Activities

Number Names

Look for or think of places or things common to you that have numbers in their names. Examples include the names of stores or roads. Then rename the place or thing you chose by breaking apart the number. For example, Route 9 can be renamed as Route $7 + 2$, or the game four square can be renamed as $3 + 1$ Square. See if you and your student can think of all the different combinations for the number.

Seeing Doubles +1

You and your student can look at magazines, picture books, or anywhere in daily life for images with things in sets of 2s, 3s, 4s, or 5s. Then take turns doubling the amounts you see and adding 1.

- “I see 4 bananas in that bunch. Double that is 8 and 1 more is 9 bananas.”
- “I see a bouquet of 5 flowers. Double that is 10 and 1 more is 11 flowers.”