

Name-Collection Boxes

**Family Note**

Beginning in *First Grade Everyday Mathematics*, children use **name-collection boxes** to help them collect equivalent names for the same number. These boxes help children appreciate the idea that numbers can be expressed in many different ways.

A name-collection box is an open box with a tag attached. The tag identifies the number whose names are collected in the box. In second grade, typical names include sums, differences, tally marks, and arrays. At higher grades, names may include products, quotients, and the results of several mathematical operations.

10

← Tag for box

Name-collection box

10

$### \ ###$
 ten
 $12 - 2$
 $6 + 4$

Items in the name-collection box above represent the number 10. Some names contain numbers, and some do not.

9

$19 - 10$
 $15 - 7$ $X X X$
 $X X X$
 $3 + 3 + 3$ $X X X$
 $8 + 0$
 $5 + 4 + 1$ 1 less
 than 10

Sometimes children must circle names that do not belong in the box.

$6 + 6$ $X X X$
 $12 - 0$ $X X X$
 $X X X$
 twelve $X X X$
 $15 - 1 - 2$ 1 less
 than 13
 $18 - 6$
 $12 - 0$ $### \ ### \ ||$

Sometimes children must fill in the tag for the numbers shown in the box. The tag here should read 12.

Encourage your child to name a number in different ways—for example, use tally marks, write addition and subtraction problems, or draw pictures of objects.

Please return the **second page** of this Home Link to school tomorrow.

Name-Collection Boxes *continued*

1. Give the Family Note to someone at home. Show that person the name-collection box below. Explain what a name-collection box is used for.

8		
$2 + 6$	$4 + 4$	x x x x
eight	$12 - 4$	x x x x
<i>ocho</i>	$10 - 2$	$8 - 0$
$8 + 0$	$3 + 5$	###

2. Write 10 names in this 10-box.

10

3. Make up your own name-collection box. Write at least 10 names in the box.

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