

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 in the corner. The tag identifies the number whose names are collected in the box. In second grade typical names include sums, differences, tally marks, number words, and arrays. At higher grades, names may include products, quotients, and the results of several mathematical operations.

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. Some name-collection activities are shown below.

10

 ← Tag for box

Name-collection box

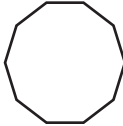
10

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

x x x

x x x

x x x

(15 - 7)

1 less

$3 + 3 + 3$ than 10

(8 + 0)

(5 + 4 + 1) |||| |

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

x x x

x x x

x x x

x x x

twelve

1 less

$15 - 1 - 2$ 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.

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
ocho	10 - 2	8 - 0
8 + 0	3 + 5	/// ///

- ② Write ten names in the 10 box.

10

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

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