

Student Activity Book

Partitioning Pennies and Dimes
(SAB pp. 321–322)

Students should include one addition sentence and one subtraction sentence for each partition of ten.

- $0 + 10¢ = 10¢$
- $10¢ - 0¢ = 10¢$
- $1¢ + 9¢ = 10¢$
- $10¢ - 1¢ = 9¢$
- $2¢ + 8¢ = 10¢$
- $10¢ - 2¢ = 8¢$
- $3¢ + 7¢ = 10¢$
- $10¢ - 3¢ = 7¢$
- $4¢ + 6¢ = 10¢$
- $10¢ - 4¢ = 6¢$
- $5¢ + 5¢ = 10¢$
- $10¢ - 5¢ = 5¢$

Students should include one addition sentence and one subtraction sentence for each partition of 100¢.

- $0 + 100¢ = 100¢$
- $100¢ - 0¢ = 100¢$
- $10¢ + 90¢ = 100¢$
- $100¢ - 10¢ = 90¢$
- $20¢ + 80¢ = 100¢$
- $100¢ - 20¢ = 80¢$
- $30¢ + 70¢ = 100¢$
- $100¢ - 30¢ = 70¢$
- $40¢ + 60¢ = 100¢$
- $100¢ - 40¢ = 60¢$
- $50¢ + 50¢ = 100¢$
- $100¢ - 50¢ = 50¢$

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Name _____ Date _____

Partitioning Pennies and Dimes

Pennies
You have 10 pennies to put into two piles. Do this in many ways. Write a number sentence for each. Remember to use your ten frames if you need to. Do not forget zero.

Pennies
$\underline{\quad}¢ + \underline{\quad}¢ = 10¢$
$10¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 10¢$
$10¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 10¢$
$10¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 10¢$
$10¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 10¢$
$10¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 10¢$
$10¢ - \underline{\quad}¢ = \underline{\quad}¢$

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Name _____ Date _____

Partitioning Pennies and Dimes

Dimes
You have 10 dimes to put into two piles. Do this in many ways. Write a number sentence for each. Do not forget zero.

Dimes
$\underline{\quad}¢ + \underline{\quad}¢ = 100¢$
$100¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 100¢$
$100¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 100¢$
$100¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 100¢$
$100¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 100¢$
$100¢ - \underline{\quad}¢ = \underline{\quad}¢$
$\underline{\quad}¢ + \underline{\quad}¢ = 100¢$
$100¢ - \underline{\quad}¢ = \underline{\quad}¢$

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Lola's Dimes

Use a 100 Chart and ten frames.

1. Help Lola put 10 dimes into two groups. Some dimes are showing. Draw the others. Write number sentences and labels.

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

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2. Show another way to put 10 dimes into 2 piles. Write number sentences.

_____ + _____ = _____

addition number sentence

_____ - _____ = _____

subtraction number sentence

3. Lola put some dimes on a ten frame.

A. What is the value of 7 dimes? _____

B. How many more dimes are needed to make 100¢? _____

C. Complete the number sentences. Use labels.

70¢ + 30¢ = _____

100¢ - 70¢ = _____

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Lola's Dimes (SAB pp. 323–324)

Questions 1–3

1.

$20¢ + 80¢ = 100¢$

$40¢ + 60¢ = 100¢$

$50¢ + 50¢ = 100¢$

2. Responses will vary. Possible response:

$30¢ + 70¢ = 100¢$

$100¢ - 70¢ = 30¢$

3. **A.** 70¢
B. 3 dimes
C. $70¢ + 30¢ = 100¢$
 $100¢ - 70¢ = 30¢$

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Teacher Guide

Starting with 100 (TG pp. 1–2)

Homework

Questions A–G

- A. $60¢ + 40¢ = 100¢$
 $100¢ - 60¢ = 40¢$
 $100¢ - 40¢ = 60¢$
- B. $60¢ + 40¢ = 100¢$
 $100¢ - 60¢ = 40¢$
 $100¢ - 40¢ = 60¢$
- D. $30¢ + 70¢ = 100¢$
 $100¢ - 30¢ = 70¢$
 $100¢ - 70¢ = 30¢$
- F. $50¢ + 50¢ = 100¢$
 $100¢ - 50¢ = 50¢$
- G. $20¢ + 80¢ = 100¢$
 $100¢ - 20¢ = 80¢$
- C. $30¢ + 70¢ = 100¢$
 $100¢ - 70¢ = 30¢$
 $100¢ - 30¢ = 70¢$
- E. $80¢ + 20¢ = 100¢$
 $100¢ - 80¢ = 20¢$
 $100¢ - 20¢ = 80¢$

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Name _____ Date _____

Starting with 100

Homework


Dear Family Member:

Your child divided 10 dimes into two piles and wrote number sentences to describe the partitions. A number sentence for 8 dimes and 2 dimes is $80¢ + 20¢ = 100¢$.

Help your child fill in the missing numbers and write subtraction sentences for the problems that follow. To solve $60¢ + \underline{\hspace{1cm}} = 100¢$, for example, your child might place a real dime or a piece of cereal on 6 of the dimes in the picture. Then he or she can skip count by tens to find the value of the 4 uncovered dimes.

Thank you.

Find the missing numbers. Write two subtraction sentences for each addition sentence. Use the dimes to help you.



<p>Ex. $90¢ + \underline{10¢} = 100¢$</p> <p>$100¢ - 90¢ = \underline{10¢}$</p> <p>$100¢ - \underline{10¢} = 90¢$</p>	<p>A. $60¢ + \underline{\hspace{1cm}} = 100¢$</p> <p>$100¢ - 60¢ = \underline{\hspace{1cm}}$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p>
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<p>B. $\underline{\hspace{1cm}} + 40¢ = 100¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p>	<p>C. $30¢ + \underline{\hspace{1cm}} = 100¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p>
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<p>D. $\underline{\hspace{1cm}} + 70¢ = 100¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p>	<p>E. $80¢ + \underline{\hspace{1cm}} = 100¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p> <p>$\underline{\hspace{1cm}}¢ - \underline{\hspace{1cm}}¢ = \underline{\hspace{1cm}}¢$</p>
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Find the missing numbers.

<p>F. $50¢ + \underline{\hspace{1cm}} = 100¢$</p> <p>$100¢ - 50¢ = \underline{\hspace{1cm}}$</p>	<p>G. $20¢ + \underline{\hspace{1cm}} = 100¢$</p> <p>$100¢ - 20¢ = \underline{\hspace{1cm}}$</p>
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