

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 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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Name \_\_\_\_\_ Date \_\_\_\_\_

### 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.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Use ¢ to show what the numbers mean.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

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Name \_\_\_\_\_ Date \_\_\_\_\_

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.  $70¢ + 30¢ = 100¢$   
 $100¢ - 70¢ = 30¢$