

# TRY IT TOGETHER

Find each difference. Regroup as needed.

4  $57.09 - 36.8$

$$\begin{array}{r} 57.09 \\ - 36.8 \\ \hline \end{array}$$

5  $77.2 - 3.58$

$$\begin{array}{r} \phantom{77.2} \\ - \phantom{3.58} \\ \hline \end{array}$$

6  $45.3 - 19.27$

$$\begin{array}{r} \phantom{45.3} \\ - \phantom{19.27} \\ \hline \end{array}$$

# WORK ON YOUR OWN

## Subtract Decimals with a Different Number of Decimal Places

HOW  
TO

### Using Symbols

1.  $32.14 - 2.9$

$$\begin{array}{r} 32.14 \\ - 2.9 \\ \hline \end{array}$$

### Using Words

Write the problem vertically. Line up the decimal points.

2.  $32.14 - 2.90$

Write 0s at the end of a number if needed to make the numbers have the same number of decimal places.

3.  $\begin{array}{r} 11 \\ 2 \overline{) 32.14} \\ \underline{32.14} \\ 0 \end{array}$

$$\begin{array}{r} 32.14 \\ - 2.90 \\ \hline 29.24 \end{array}$$

Subtract the columns from right to left. Regroup as needed. Write a decimal point in the answer lined up under the decimal points in the problem.

# Estimating Decimal Differences

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

## GET STARTED

1 
$$\begin{array}{r} 9.108 \\ - 2.966 \\ \hline \end{array}$$

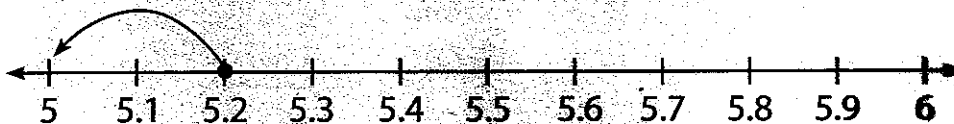
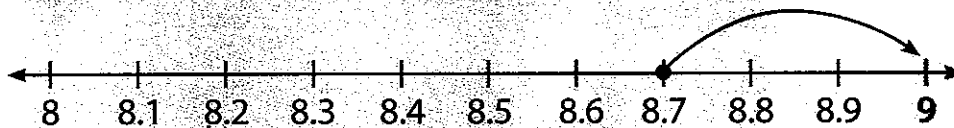
2 
$$\begin{array}{r} 9.108 \rightarrow \underline{\hspace{1cm}} \\ 2.966 \rightarrow \underline{\hspace{1cm}} \end{array}$$

3 
$$\begin{array}{r} 9.108 - 2.966 \approx \underline{\hspace{1cm}} \\ 9.108 \rightarrow \underline{\hspace{1cm}} \\ 2.966 \rightarrow \underline{\hspace{1cm}} \end{array}$$

4 
$$\begin{array}{r} 28.7 - 13.3 \approx \underline{\hspace{1cm}} \\ 28.7 \rightarrow \underline{\hspace{1cm}} \\ 13.3 \rightarrow \underline{\hspace{1cm}} \end{array}$$

Use the number lines to round each number to the nearest whole number. Then find the estimated difference of 8.7 and 5.2.

**BUILD THE CONCEPT**



8.7 is between 8 and 9. 8.7 is closer to 9.

5.2 is between 5 and 6. 5.2 is closer to 5.

$$\underline{9} - \underline{5} = \underline{4}$$

The difference of 8.7 and 5.2 estimated to the nearest whole number is 4.

## TRY IT TOGETHER

Round each number to the nearest whole number. Estimate each difference.

5     $50.58 \rightarrow$   
       $- 14.14 \rightarrow$          

6     $56.37 - 22.91$   
       $56.37 \rightarrow$   
       $22.91 \rightarrow$          

Round each number to the nearest tenth. Estimate each difference.

7     $61.69 \rightarrow$   
       $- 25.25 \rightarrow$          

8     $95.47 \rightarrow$   
       $- 21.13 \rightarrow$          

## WORK ON YOUR OWN

### Estimate Decimal Differences

#### Using Symbols

1. Estimate  $14.59 - 8.43$  to the nearest whole number.

$14.59 \rightarrow$     15

$8.43 \rightarrow$     8

2.     $15$   
       $- 8$   
      7

The difference of 14.59 and 8.43 estimated to the nearest whole number is 7.

#### Using Words

Identify the place to which the **addends** will be rounded. Round the **decimals**.

Subtract the rounded numbers to find the estimated difference.

HOW  
TO









# Counting Money and Making Change

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

## GET STARTED

1  $\$20$   
 $-\$11.79$

2

$\$20.00$	$\$10.00$
	
$\$5.00$	$\$1.00$
	
$\$0.25$	$\$0.10$
	
	$\$0.05$
	
	$\$0.01$
	

\_\_\_\_\_ five-dollar bill  
 \_\_\_\_\_ one-dollar bills  
 \_\_\_\_\_ dimes  
 \_\_\_\_\_ penny











3 Duncan spent \$4.43 at the grocery store. At the checkout, he gave the clerk a ten-dollar bill. How much change will the clerk give Duncan? What bills and coins is Duncan likely to get in his change?

$\$10.00$   
 $-\$4.43$

## BUILD THE CONCEPT

Joni paid \$6.73 for her lunch. She gave the cashier a ten-dollar bill. How much should she get back? Circle the bills and coins she received.

$\$10.00$   
 $-\$6.73$

## FOCUS TOGETHER

Find each difference. Write the kind of change needed to make up each difference.

$$\begin{array}{r} 4 \quad \$0.25 \\ - \$0.09 \\ \hline \end{array}$$

\_\_\_\_\_

$$\begin{array}{r} 5 \quad \$50.00 \\ - \$20.70 \\ \hline \end{array}$$

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 6 Dr. Miller charges \$9.99 for a flea bath. Mitzi paid for her dog's flea bath with a twenty-dollar bill. What bills and coins will Mitzi get back in change?

$$\begin{array}{r} \$20.00 \\ + \$9.99 \\ \hline \end{array}$$

\_\_\_\_\_

## WORK ON YOUR OWN

### Count Money and Make Change

#### Using Symbols

$$\begin{array}{r} 1. \quad \begin{array}{r} 99 \\ 1201010 \\ \$20.00 \\ - \$7.85 \\ \hline \$12.15 \end{array} \end{array}$$

#### Using Words

Subtract to find the difference of the decimals.

2. 1 ten-dollar bill  
2 one-dollar bills  
1 dime  
1 nickel

Name the bills and coins that make up the decimal in the difference.

HOW TO

# Problem-Solving: Using a Table

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

## GET STARTED

$$\begin{array}{r} 1 \quad \$13.49 \\ + \$7.99 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad \$25.06 \\ - \$13.49 \\ \hline \end{array}$$

- 3 Jamal and Kristi each bought one book and one CD. Jamal spent \$7.99 on his book and \$13.49 on his CD. Together, they spent \$16.62 on their books and \$25.06 on their CDs. How much did Kristi spend on her book and CD?

- a. Find: \_\_\_\_\_  
 b. How? \_\_\_\_\_  
 c. Solve.

	Book	CD
Jamal	\$7.99	\$13.49
Kristi		
Total	\$16.62	\$25.06

Total books \_\_\_\_\_ – Jamal's book \_\_\_\_\_ = Kristi's book \_\_\_\_\_

Kristi spent \_\_\_\_\_ on her book.

Total CDs \_\_\_\_\_ – Jamal's CD \_\_\_\_\_ = Kristi's CD \_\_\_\_\_

Kristi spent \_\_\_\_\_ on her CD.

- d. Are the answers reasonable? Explain. \_\_\_\_\_

\_\_\_\_\_

## TRY IT TOGETHER

Complete the table to solve the problem.

- 4 Angela charges \$15.50 to mow a yard and \$22.25 to mow and trim a yard. Grant charges \$17.50 to mow a yard and \$5.00 to trim a yard. How much does Angela charge to just trim a yard? How much does Grant charge to mow and trim a yard?

- a. Find: \_\_\_\_\_
- b. How? \_\_\_\_\_
- c. Solve.

	Mow	Trim	Mow and Trim
Angela	\$15.50		\$22.25
Grant	\$17.50	\$5.00	

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_; Angela charges \_\_\_\_\_ to just trim a yard.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_; Grant charges \_\_\_\_\_ to mow and trim a yard.

- d. Are the answers reasonable? Explain. \_\_\_\_\_

## WORK ON YOUR OWN

### HOW TO

#### Solve a Problem Using a Table

Judy and Bill each bought popcorn and candy at the movies. Judy spent \$3.99 on popcorn and \$2.00 on candy. Bill spent \$3.00 on candy. Together they spent \$9.98 on their popcorn purchases. How much did Bill spend on popcorn?

1. Find: how much Bill spent on popcorn

2. How? Use a table.

3. Solve.

Total popcorn - Judy's popcorn = Bill's popcorn

\$9.98 - \$3.99 = \$5.99

Bill spent \$5.99 on popcorn.

	Popcorn	Candy
Judy	\$3.99	\$2.00
Bill	\$5.99	\$3.00
Total	\$9.98	\$5.00

Are the answers reasonable? Explain. Yes, the answer can be checked by

doing the opposite operation, \$5.99 + \$3.99 = \$9.98.