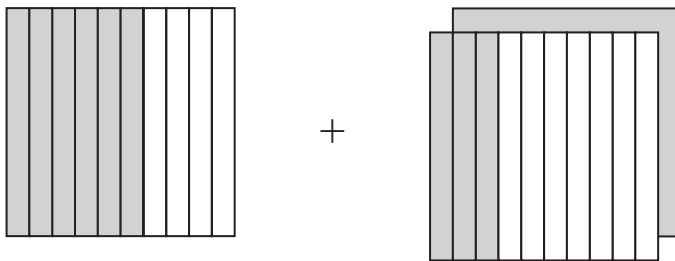


CHAPTER  
8

# Adding and Subtracting Decimals

## Lesson 8.1 Adding Decimals (Part 1)

Add.



Ones	Tenths

1.  $0.6 + 1.3 = \underline{\hspace{2cm}}$

Fill in the blanks. Write each sum as a decimal.

2.  $0.5 + 0.7 = \underline{\hspace{2cm}}$  tenths +  $\underline{\hspace{2cm}}$  tenths  
 $= \underline{\hspace{2cm}}$  tenths  
 $= \underline{\hspace{2cm}}$

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Fill in the blanks. Write each sum as a decimal.**

3.  $1.4 + 2.3 =$  \_\_\_\_\_ tenths  $+$  \_\_\_\_\_ tenths  
= \_\_\_\_\_ tenths  
= \_\_\_\_\_

**Add.**

4. 
$$\begin{array}{r} 4.3 \\ + 6.5 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 7.8 \\ + 25.1 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 6.9 \\ + 38.5 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 18.5 \\ + 4.7 \\ \hline \end{array}$$

**Write in vertical form. Then add.**

8.  $8.6 + 26.8 =$  \_\_\_\_\_

9.  $15.4 + 17.6 =$  \_\_\_\_\_

10.  $17.9 + 12.6 =$  \_\_\_\_\_

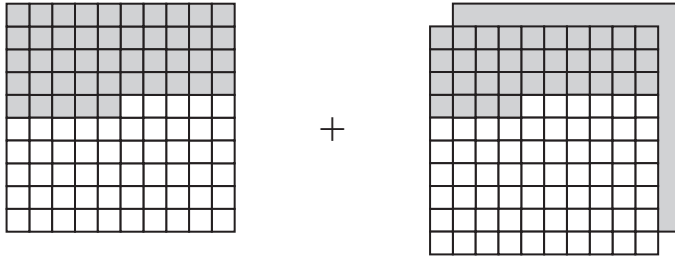
11.  $20.1 + 19.9 =$  \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Lesson 8.1 Adding Decimals (Part 2)

Add.



Ones	Tenths	Hundredths

1.  $0.45 + 1.34 = \underline{\hspace{2cm}}$

Fill in the blanks. Write each sum as a decimal.

2.  $0.71 + 0.29 = \underline{\hspace{2cm}}$  hundredths +  $\underline{\hspace{2cm}}$  hundredths  
 $= \underline{\hspace{2cm}}$  hundredths  
 $= \underline{\hspace{2cm}}$

3.  $0.38 + 0.15 = \underline{\hspace{2cm}}$  hundredths +  $\underline{\hspace{2cm}}$  hundredths  
 $= \underline{\hspace{2cm}}$  hundredths  
 $= \underline{\hspace{2cm}}$

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Fill in the blanks. Write each sum as a decimal.**

4.  $0.65 + 0.45 =$  \_\_\_\_\_ hundredths  $+$  \_\_\_\_\_ hundredths  
= \_\_\_\_\_ hundredths  
= \_\_\_\_\_

**Add.**

5. 
$$\begin{array}{r} \$ 5.94 \\ + \$ 25.05 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} \$ 4.63 \\ + \$ 17.54 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} \$ 17.55 \\ + \$ 26.79 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} \$ 38.69 \\ + \$ 18.58 \\ \hline \end{array}$$

**Write in vertical form. Then add.**

9.  $\$0.08 + \$0.51 = \$$ \_\_\_\_\_

10.  $\$0.37 + \$0.85 = \$$ \_\_\_\_\_

11.  $\$0.79 + \$0.57 = \$$ \_\_\_\_\_

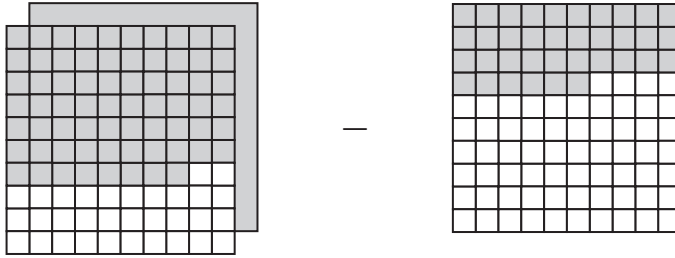
12.  $\$0.65 + \$0.78 = \$$ \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Lesson 8.2 Subtracting Decimals

**Subtract.**



Ones	Tenths	Hundredths
●	● ● ● ● ● ●	● ● ● ● ● ● ● ●
	● ● ●	● ● ● ● ● ●

1.  $1.68 - 0.36 =$  \_\_\_\_\_

**Fill in the blanks. Write the difference as a decimal.**

2.  $2.5 - 0.8 =$  \_\_\_\_\_ tenths  $-$  \_\_\_\_\_ tenths  
 $=$  \_\_\_\_\_ tenths  
 $=$  \_\_\_\_\_

3.  $3.4 - 0.9 =$  \_\_\_\_\_ tenths  $-$  \_\_\_\_\_ tenths  
 $=$  \_\_\_\_\_ tenths  
 $=$  \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

4.  $0.32 - 0.17 =$  \_\_\_\_\_ hundredths  $-$  \_\_\_\_\_ hundredths  
= \_\_\_\_\_ hundredths  
= \_\_\_\_\_

5.  $0.21 - 0.07 =$  \_\_\_\_\_ hundredths  $-$  \_\_\_\_\_ hundredths  
= \_\_\_\_\_ hundredths  
= \_\_\_\_\_

**Subtract.**

6. 
$$\begin{array}{r} 0.90 \\ - 0.27 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 0.81 \\ - 0.36 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 0.74 \\ - 0.45 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 6.9 \\ - 6.2 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 7.0 \\ - 3.1 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 12.3 \\ - 7.4 \\ \hline \end{array}$$

**Write in vertical form. Then subtract.**

12.  $16.57 - 8.23 =$  \_\_\_\_\_      13.  $21.04 - 6.52 =$  \_\_\_\_\_

14.  $30.06 - 18.97 =$  \_\_\_\_\_      15.  $44.99 - 26.23 =$  \_\_\_\_\_

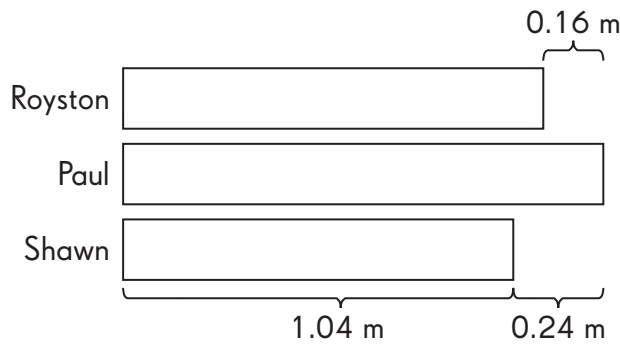


Name: \_\_\_\_\_

Date: \_\_\_\_\_

3. The total weight of Container A and Container B is 71.4 pounds. The total weight of Container B and Container C is 58.5 pounds. The weight of Container C is 29.7 pounds. What is the weight of Container A?

4. In a long jump competition, Paul jumps 0.16 meter farther than Royston. Shawn jumps 0.24 meter less than Paul. Shawn jumps a distance of 1.04 meters. How far does Royston jump?





Name: \_\_\_\_\_

Date: \_\_\_\_\_

5. The distance between John's home and his school is 7.49 kilometers.  
The distance from John's school to the Tennis Academy is 9.87 kilometers.



- a. John travels from home to school and then to the Academy.  
How far does John travel?
- b. After his tennis class, John goes back to school. What is the total distance John travels?

Name: \_\_\_\_\_

Date: \_\_\_\_\_

6. Greg makes a kite using the following materials.

<b>KITE MATERIALS</b>	
1 long stick	60 cm
1 short stick	45.8 cm
1 tail	3.6 m
1 ball of string	180 m

- a. How much shorter is the short stick than the long stick?
- b. How many long sticks put end to end will be needed to equal the total length of the tail?

Name: \_\_\_\_\_

Date: \_\_\_\_\_



## Put On Your Thinking Cap!

**Solve. Show your work.**

1. Find the result when you subtract the sum of 3.68 and 8.97 from 20.02.
  
2. Bernard has \$6.00 less than Andy but \$2.75 more than Calvin. How much more money does Andy have than Calvin?

**Use the given information to answer the questions.**

<b>School Sale</b>		
<b>Item</b>	<b>Regular Price</b>	<b>Sale Price</b>
Ballpoint Pen	\$2.30	\$1.95
Correction Pen	\$3.50	\$2.75
Mechanical Pencil	\$1.20	\$0.85

3. How much do you save when you buy 3 ballpoint pens on sale instead of at the regular price?

**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

- 4.** Julio buys 2 mechanical pencils and a correction pen at the sale price. He gives the cashier a \$10 bill. How much change does Julio get back?
- 5.** Nicolas bought the same items as Julio before the sale. How much more did Nicolas pay for the items than Julio?
- 6.** Read the clues, then work backward to find the number.
- a.** If you subtract 4.75 from the number and then add 1.75, you get 35. What is the number?
- b.** If you add 6.75 to the number and subtract 3.78 from the result, you get 8.75. What is the number?