

Additional Practice

Name _____

Review

You can use an algorithm to add decimals.

Evan hikes two nature trails. The lengths of the trails are 0.512 mile and 0.453 mile. What is the total distance Evan hikes?

Step 1 Add the thousandths.

$$0.002 + 0.003 = 0.005$$

Step 2 Add the hundredths.

$$0.01 + 0.05 = 0.06$$

Step 3 Add the tenths.

$$0.5 + 0.4 = 0.9$$

The total distance Evan hikes is 0.965 mile.

Align the decimal point.

$$\begin{array}{r} 0.512 \\ + 0.453 \\ \hline 0.965 \end{array}$$

What is the sum? Use an algorithm to solve.

1.
$$\begin{array}{r} 4.46 \\ + 2.335 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 35.819 \\ + 3.702 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 16.358 \\ + 43.726 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 25.755 \\ + 75.16 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 146.257 \\ + 155.331 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 356.342 \\ + 694.187 \\ \hline \end{array}$$

Use an Algorithm to Add Decimals

Name _____

Review

You can add the decimals using an algorithm.

$$6.12 + 7.245$$

Align the decimals and then add as you normally would do, starting with the right column, and working your way to the left column.

$$\begin{array}{r} 6.12 \\ + 7.245 \\ \hline 13.365 \end{array}$$

Make sure to put the decimal point in the answer directly below the decimal points in the problem.

Add. Use an algorithm to solve.

$$\begin{array}{r} 1. \quad 3.512 \\ + 7.201 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 12.7 \\ + 4.29 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 0.89 \\ + 5.716 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4.783 \\ + 8.927 \\ \hline \end{array}$$

Add. Use an algorithm to solve.

$$5. \quad 16.03 + 22.081$$

$$6. \quad 2.104 + 7.94$$

National Symbols

Cross-Curricular Focus: History/Social Sciences



Name: _____

A symbol is something that is a reminder of something else. A country often has national symbols. These symbols help bring people together. Communities get together for special events. Regional communities join together within states or provinces, which, unite as a whole nation throughout the nation share some traditions. They are able to connect with each other. They share pride in the country.

The United States has many national symbols. It is a symbol that is easy for all Americans. It stands for the country. It has one star for 50 states. There are 13 stripes to represent original 13 colonies. Those colonies later became thirty-seven more states joined them to make the Bald Eagle is the national bird of the United States chosen because it is very independent and free. An eagle to represent the country tells everyone US values freedom and the courage to be independent.

The Statue of Liberty is another very famous American symbol. It was a gift to the people of the US from the people of France in 1885. It represents the spirit of friendship between the two countries. It also shows a shared vision for liberty, which is a synonym for freedom.

The American symbols unite people from many different states. The symbols help them feel like Americans instead of just citizens of their own individual states. They are united into one country.

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

1) purpose of a symbol? _____

2) thirteen stripes on the American flag _____

3) Why turkey as our national bird instead of Eagle. Which do you prefer, and _____

4) What famous American symbol was a gift from a foreign country? _____

5) Which symbol do you think best represents our country? Why? _____

Circle all the problems with sums less than 5.
Then find the exact sums of only the problems you circled.

1 $0.24 + 4.25$ _____

2 $4.8 + 0.16$ _____

3 $2.31 + 2.075$ _____

4 $2.31 + 2.7$ _____

5 $0.909 + 4.09$ _____

6 $3.99 + 1.109$ _____

7 $2.675 + 2.325$ _____

8 $3.775 + 0.225$ _____

9 $2.06 + 2.933$ _____

10 $2.6 + 2.933$ _____

11 $1.809 + 3.091$ _____

12 $3.01 + 1.991$ _____

13 $1.83 + 3.1 + 0.1$ _____

14 $0.012 + 3.79 + 1.101$ _____

15 $2.6 + 2.04 + 0.099$ _____

16 What strategies did you use to solve the problems?

Circle all the problems with sums less than 5.
Then find the exact sums of only the problems you circled.

1 $0.24 + 4.25$ _____

2 $4.8 + 0.16$ _____

3 $2.31 + 2.075$ _____

4 $2.31 + 2.7$ _____

5 $0.909 + 4.09$ _____

6 $3.99 + 1.109$ _____

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12 $3.01 + 1.991$ _____

13 $1.83 + 3.1 + 0.1$ _____

14 $0.012 + 3.79 + 1.101$ _____

15 $2.6 + 2.04 + 0.099$ _____

16 What strategies did you use to solve the problems?

Decompose to Subtract Decimals

Name _____

Review

Solve. $8.971 - 2.345$.

You can decompose 2.345 into $2 + 0.3 + 0.04 + 0.005$ and then subtract.

$$8.971 - 2 = 6.971$$

$$6.971 - 0.3 = 6.671$$

$$6.671 - 0.04 = 6.631$$

$$6.631 - 0.005 = 6.626$$

$$8.971 - 2.345 = 6.626$$

Decompose the numbers by place value.

1. 8.91 _____

2. 2.046 _____

How can you find the difference? Show the strategy you used.

3. $10.3 - 8.91$

4. $5.047 - 2.046$

What is the difference? Show your work.

3. $4.744 - 1.212 =$ _____

4. $18.897 - 10.67 =$ _____

5. $41.538 - 30.306 =$ _____

6. $155.915 - 14.814 =$ _____

7. A box of books weighs 45.385 pounds. After taking out some of the books, the box weighs 25.075 pounds. What is the weight of the books that were taken out of the box?

8. Noelle is riding her bike from her house to her friend's house. Her friend's house is 3.725 kilometers from her house. She has biked 1.375 kilometers. Show two ways you can decompose 1.375 to find the distance Noelle still has to bike to get to her friend's house.



Help your child practice using decomposed decimals to subtract decimals. Write several subtraction equations that contain decimals to the thousandths place on the left side of a sheet of paper. In a mixed-up order, write a decomposed subtrahend (the number being subtracted) from each problem on the right side of the paper. Have your child match each equation to its decomposed decimal. Then work with your child to solve each equation.

Name _____



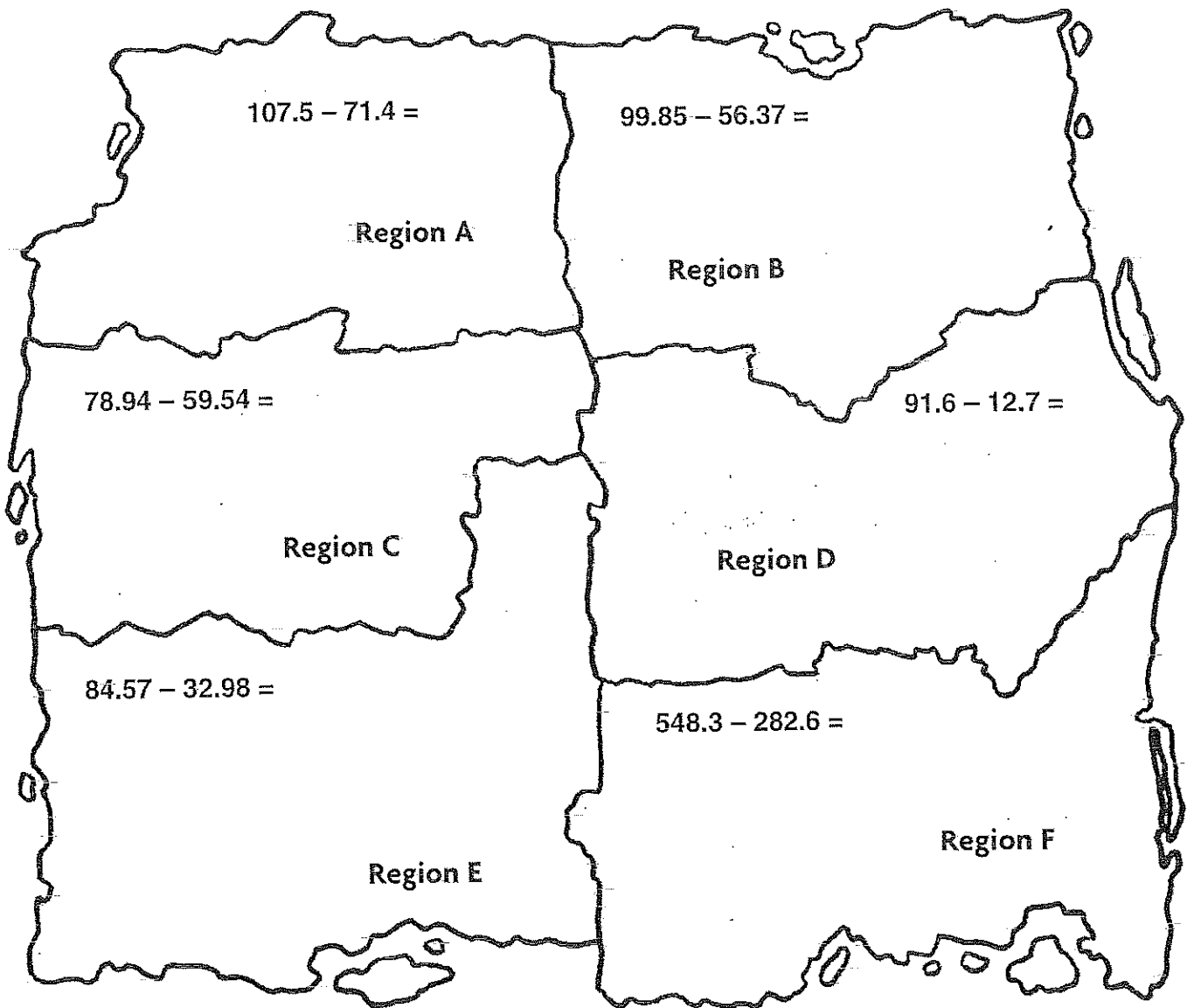
Map It Out



Always write a long subtraction problem vertically before solving it. When subtracting decimals, write each place value column so the decimal points are aligned.

$$\begin{array}{r} 82.17 - 74.16 = \\ \underline{82.71} \\ -74.16 \\ \hline \end{array}$$

Write each subtraction problem vertically. Subtract.



Mary traveled to two regions. Their difference is 24.08. What two regions did she visit?