## Warm Up

3. 
$$\frac{9}{11} + \frac{1}{11}$$

7. 
$$\frac{6}{19} + \frac{2}{3}$$

11. 
$$\frac{2}{11} + \frac{1}{2}$$

4. 
$$\frac{1}{3} + \frac{2}{17}$$

8. 
$$\frac{1}{3} + \frac{1}{6}$$

12. 
$$\frac{4}{11} + \frac{3}{8}$$

# Warm Up Answers

3. 
$$\frac{9}{11} + \frac{1}{11} = \frac{10}{11}$$

7. 
$$\frac{6}{19} + \frac{2}{3}$$

$$= \frac{56}{57}$$

11. 
$$\frac{2}{11} + \frac{1}{2} = \frac{15}{22}$$

$$4. \frac{1}{3} + \frac{2}{17} \\
= \frac{23}{51}$$

$$8. \ \frac{1}{3} + \frac{1}{6} \\
= \frac{1}{2}$$

12. 
$$\frac{4}{11} + \frac{3}{8} = \frac{65}{88}$$

Lesson 2.4

October 24, 2016

## Essential Question:

How can you add and subtract decimals?

Lesson 2.4

October 24, 2016

## Lesson Objective:

Students will be able to:

use a formal rule to add and subtract decimals.

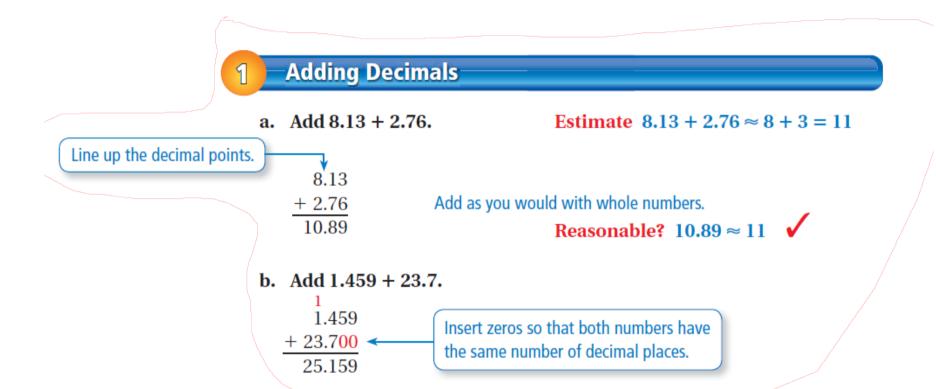
### Self-Evaluation Scale

Score	Description
4	I can teach other students how to use a model and a formal rule to divide with mixed numbers.
3	I can use a model and a formal rule to divide with mixed numbers.
2	I recognize, but still need help to use a model and a formal rule to divide with mixed numbers.
1	I do not know how to use a model and a formal rule to divide with mixed numbers.



### **Adding and Subtracting Decimals**

To add or subtract decimals, write the numbers vertically and line up the decimal points. Then bring down the decimal point and add or subtract as you would with whole numbers.



### **Subtracting Decimals**

a. Subtract 5.508 - 3.174.

Estimate  $5.508 - 3.174 \approx 6 - 3 = 3$ 

Line up the decimal points.

Subtract as you would with whole numbers.

Reasonable?  $2.334 \approx 3$ 



b. Subtract 21.9 - 1.605.

Insert zeros so that both numbers have the same number of decimal places.

### OYO!

### Add or subtract.

### 3 Real-Life Application

Your meal at the school cafeteria costs \$3.45. Your friend's meal costs \$3.90. You pay for both meals with a \$10 bill. How much change do you receive?

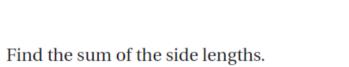
Use a verbal model to solve the problem.

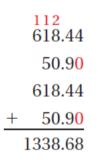
So, you receive \$2.65.

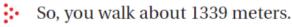
### **Real-Life Application**

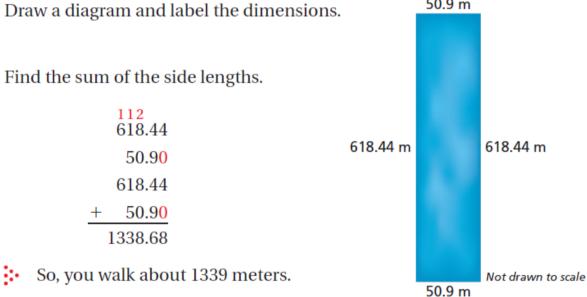


The Lincoln Memorial Reflecting Pool is approximately rectangular. Its width is 50.9 meters, and its length is 618.44 meters. You walk the perimeter of the pool. About how many meters do you walk?





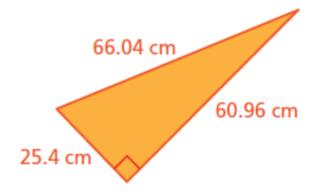




50.9 m

### OYO 2!

- 7. WHAT IF? In Example 3, your meal costs \$4.10 and your friend's meal costs \$3.65. You pay for both meals with a \$20 bill. How much change do you receive?
- **8.** Find the perimeter of the triangle.



# Assignment

Complete problems:

5, 9, 12, 16, 23, 24, 28, 30, & 35

on pages 82 & 83 in your Big Ideas Text Book.

Lesson 2.4 October 24, 2016

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How can you add and subtract decimals?

Lesson 2.4

October 24, 2016

## Lesson Objective:

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use a formal rule to add and subtract decimals.

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### Homework

Monday 10/24: In your Big Ideas Record and Practice Journal page 29-30

Tuesday 10/25: In your Big Ideas Record and Practice Journal page 46.