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 20, 2015

Essential Question:

How can you add and subtract decimals?

Lesson 2.4 October 20, 2015

Lesson Objective:

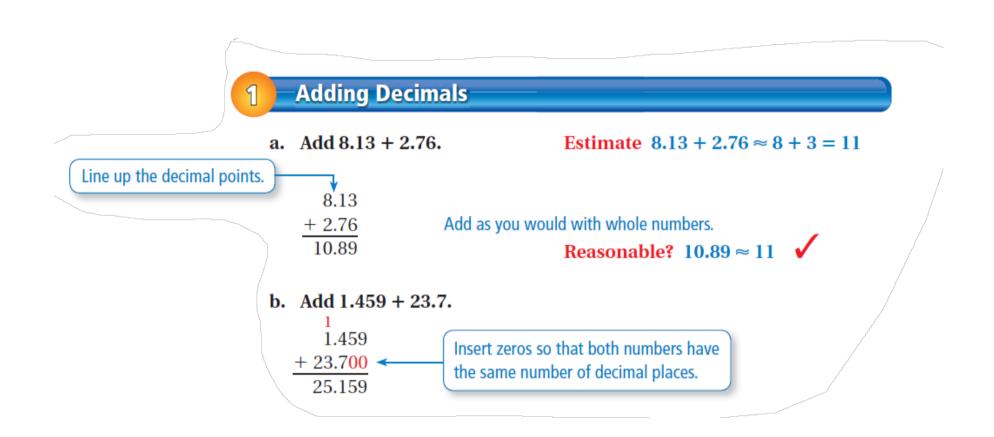
Students will be able to:

use a formal rule to add and subtract decimals.



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.





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?

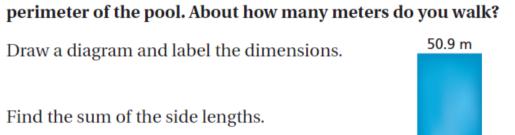
Use a verbal model to solve the problem.

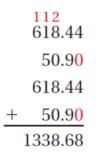
So, you receive \$2.65.

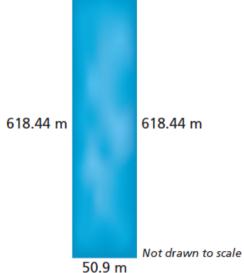
4 Real-Life Application



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?



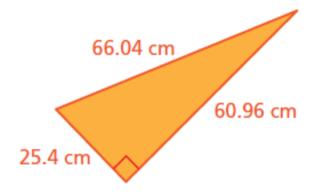




So, you walk about 1339 meters.

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.



October 20, 2015 TPA Lesson 2.4

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 16, 2014

Essential Question:

How can you add and subtract decimals?

Lesson 2.4

October 16, 2014

Lesson Objective:

Students will be able to:

use a formal rule to add and subtract decimals.

Homework

In your Big Ideas Record and Practice Journal page 46.

October 20, 2015 TPA Lesson 2.4