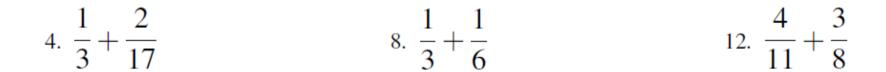
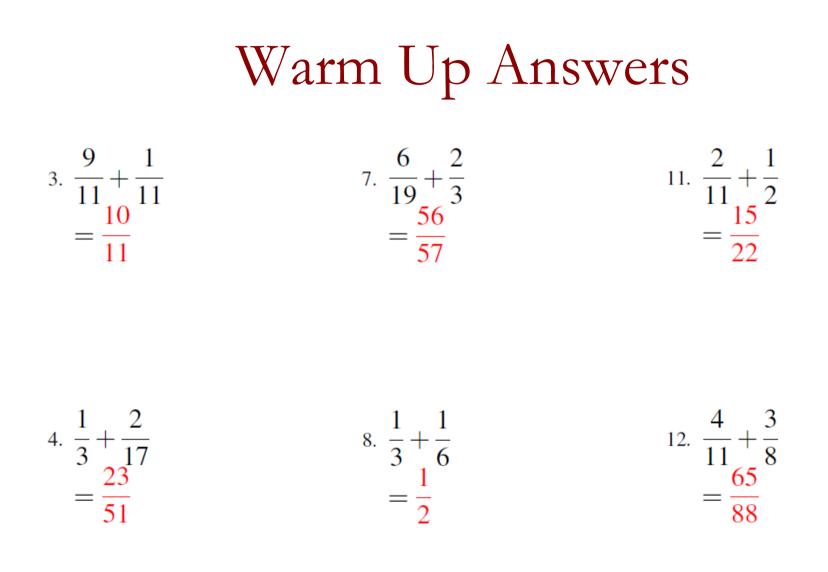
Learning Objective: Students will be able to use a formal rule to add and subtract decimals.

Warm Up

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

7. $\frac{6}{19} + \frac{2}{3}$
11. $\frac{2}{11} + \frac{1}{2}$





Learning Objective: Students will be able to use a formal rule to add and subtract decimals.

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.

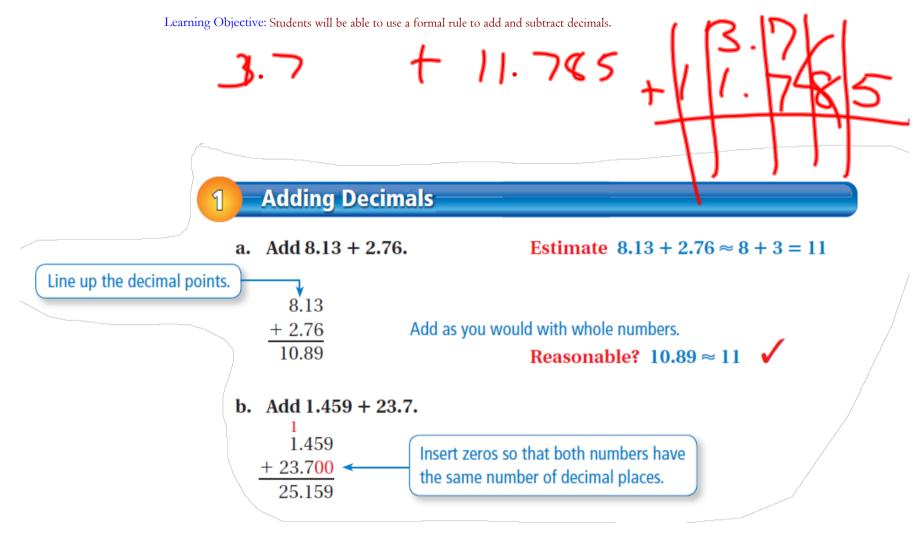
Self-Evaluation Scale

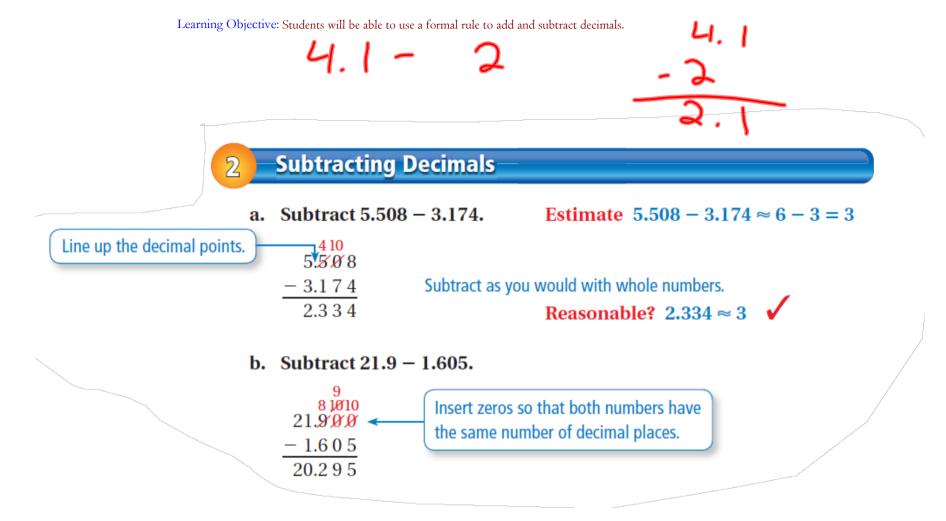
Score	Description
4	I can teach other students how to use a formal rule to add and subtract decimals.
3	I can use a formal rule to add and subtract decimals.
2	I recognize, but still need help to use a formal rule to add and subtract decimals.
1	I do not know how to use a formal rule to add and subtract 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.





OYO!

Add or subtract.

- **1.** 4.206 + 10.85 **2.** 15.5 + 8.229 **3.** 78.41 + 90.99
- **4.** 6.34 5.33 **5.** 27.9 0.905
- **6.** 18.626 13.88

3

Learning Objective: Students will be able to use a formal rule to add and subtract decimals.

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?

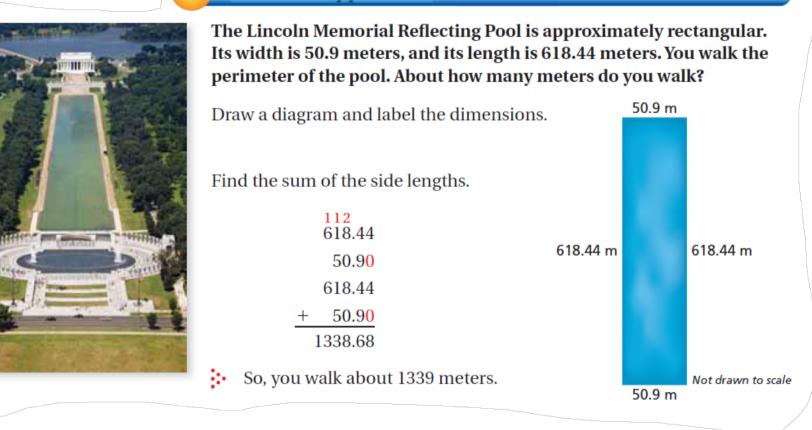
Use a verbal model to solve the problem.

amount of
change=amount
given- $\begin{pmatrix} cost of \\ your meal \end{pmatrix}$ + $\begin{pmatrix} cost of \\ friend's meal \end{pmatrix}$ =10.00 - (3.45 + 3.90)Substitute values.=10.00 - 7.35Add inside parentheses.=2.65Subtract.

So, you receive \$2.65.

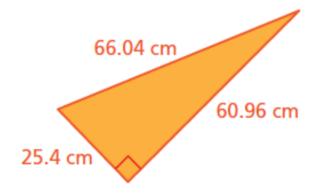
ΔЦ

Real-Life Application



OYO 2!

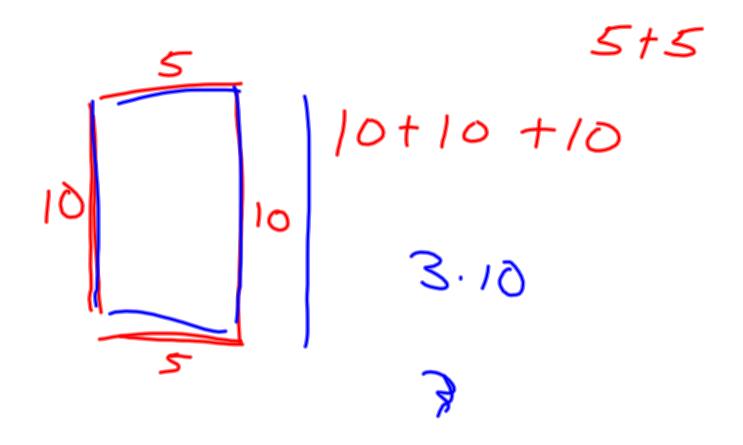
- 7. WHAT IF? In Example 3, your meal costs \$4.10 and your friend's meal costs \$3.65. You pay for both meals with a \$20 bill. How much change do you receive?
- 8. Find the perimeter of the triangle.

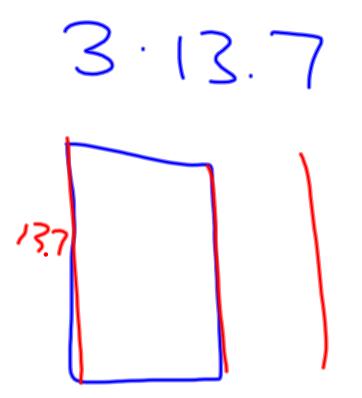


Assignment

Complete problems: 5, 9, 12, 16, 23, 24, 28, 30, & 35 on pages 82 & 83 in your Big Ideas Text Book.

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Learning Objective: Students will be able to use a formal rule to add and subtract decimals.

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.

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.

Homework

In your Big Ideas Record and Practice Journal page 46.