Unit 5, Lesson 12

Estimate and Add

Let's add decimals and decide if our answers are reasonable.

Warm-up

Number Talk: 99 Hundredths

Find the value of each expression mentally.

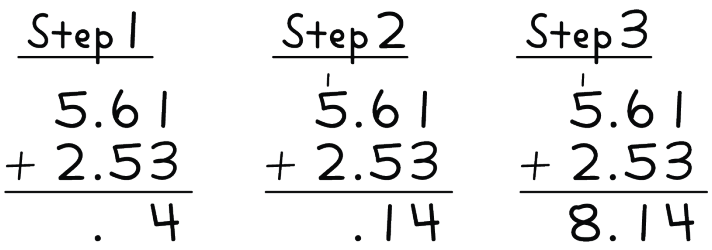
- $1.00 + 0.99 + 0.02$
- $1.99 + 0.02$
- $1.99 + 0.03$
- $1.99 + 0.13$

Activity 1

Use the Standard Algorithm to Add Decimals

1. Find the value of $5.61 + 2.53$. Explain or show your reasoning.

2. Han uses the standard algorithm to add decimals. Describe what he does in each step.



3. Use the standard algorithm to find the value of $6.62 + 3.74$.

Activity 2

Estimate and Find the Value

1. Which whole number is the sum $2.82 + 5.2$ closest to? Explain or show your reasoning.

2. What is the value of $2.82 + 5.2$? Explain or show your reasoning. Use the standard algorithm if it is helpful.

3. Which whole number is the sum $6.8 + 4.97$ closest to? Explain or show your reasoning.

4. What is the value of $6.8 + 4.97$? Explain or show your reasoning. Use the standard algorithm if it is helpful.