

Grade 5 Unit 5

Lesson 13

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Unit 5 Lesson 13: Analyze Addition Mistakes

WU Estimation Exploration: Many Places (Warm up)

Student Task Statement

$$1,987.89 + 658.54$$

Record an estimate that is:

too low	about right	too high

1 Compare Calculations

Student Task Statement

1. Find the value of $621.45 + 72.3$. Explain or show your reasoning.
2. Elena and Andre found the value of $621.45 + 72.3$. Who do you agree with? Explain or show your reasoning.

Elena

$$\begin{array}{r} 621.45 \\ + 72.3 \\ \hline 628.68 \end{array}$$

My answer makes sense because it is more than 621.

Andre

$$\begin{array}{r} 621.45 \\ + 72.30 \\ \hline 693.75 \end{array}$$

My answer makes sense because $620 + 70 = 690$ and then I still have to add a little bit more than 3 to 690.

2 Same Digits, Different Sums

Student Task Statement

Find the value of each expression. Explain or show your reasoning.

1. $2.63 + 7.74$
2. $26.3 + 774$
3. $46.3 + 31.42$
4. $463 + 3.14$