

Warm Up

Estimate by rounding to the indicated place value.

1. $70.27 + 15.36$; ones
2. $84.37 - 21.82$; tenths

Order the decimals from least to greatest.

- 3) 18.74, 18.7, 18.47
- 4) 9.06, 9.66, 9.6, 9.076

Write in words.

- 5) 3.072

Jan 3-3:07 PM





Adding and Subtracting Decimals

Devise a method for adding and subtracting numbers with decimals and evaluate answers using estimation.

Jan 3-12:31 PM

Bo Duke really wanted to buy a \$5.00 box of chocolate double decker Moon Pies. He only had \$1.80. His cousin Luke said he would give him 4 dollars. Bo said, "Thanks for the offer, but when you add those together you only get \$1.84. I still don't have enough."

Mmmm. Moon Pies



Jan 3-12:35 PM

Bo ended up buying his box of Moon Pies after all. He set up a road side stand to raise money to buy a package of flammable arrows. He charged \$0.95 per pie. Uncle Jesse gave Bo a dollar for one of the scrumptious treats. Uncle Jesse was most grateful when Bo handed him his change of \$1.95.

Why was Uncle Jesse so happy?

What did Bo do wrong?

Write and solve a subtraction sentence that shows the amount of change Bo should have given Uncle Jesse.

Jan 3-2:25 PM

Adding and Subtracting Decimals

When adding or subtracting decimals, remember two things:

1. **LINE UP YOUR DECIMALS!!!! (LANDSCAPE!!)**
2. **FILL IN WITH ZEROS!!!**


Nov 7-11:31 AM

Athletes like _____ know that in order to be a good runner, you must eat a balanced diet. How much protein is there in the breakfast that _____ ate before her run?

Food	Protein (grams)
egg	6.58
cereal	5.5
orange	0.7
toast	2

Oct 15-2:39 PM

Usain Bolt owns the 100m world record with a time of 9.58s. Two days ago Usain ate a pot of beans. Perfectly planned poots propelled him past all other competitors resulting in a new record time of 4.0278s. How much faster did he run?



Oct 15-2:43 PM

Now

Bits and Pieces III - Problem 1.2 on p. 9 with your window door partner.
Then individually complete questions 8-18 on page 13.

Jan 3-4:19 PM

Add. Estimate to check whether each answer is reasonable.

A. $4.55 + 11.3$

$$\begin{array}{r} 4.55 \\ + 11.30 \\ \hline 15.85 \end{array}$$

Line up the decimal points.
Use zero as a placeholder.
Add.

Estimate
 $5 + 11 = 16$ *15.85 is a reasonable answer.*

B. $6.44 + 16$

$$\begin{array}{r} 6.44 \\ + 16.00 \\ \hline 22.44 \end{array}$$

Line up the decimal points.
Use zeros as placeholders.
Add.

Estimate
 $6 + 16 = 22$ *22.44 is a reasonable answer.*

Nov 7-11:12 AM

A. $5.34 - 2.08$

$$\begin{array}{r} 5.34 \\ - 2.08 \\ \hline 3.26 \end{array}$$

Line up the decimal points.
Subtract.

B. $28 - 15.911$

$$\begin{array}{r} 28.000 \\ - 15.911 \\ \hline 12.089 \end{array}$$

Use zeros as placeholders.
Line up the decimal points.
Subtract.

Nov 7-11:12 AM

During one month in the United States, 492.23 million commuter trips were taken on buses, and 26.331 million commuter trips were taken on light rail. What was the total number of trips taken on buses and light rail? Estimate to check whether your answer is reasonable.

$$\begin{array}{r} 492.230 \\ + 26.331 \\ \hline 518.561 \end{array}$$

Use zero as a placeholder.
Line up the decimal points.
Add.

Estimate
 $492 + 26 = 518$ *518.561 is a reasonable answer.*
The total number of trips was 518.561 million.

Nov 7-11:13 AM

Find each sum or difference.

1. $8.9 + 2.4$	2. $12.7 - 9.6$	3. $18.35 - 4.16$
_____	_____	_____
4. $7.21 + 11.6$	5. $0.975 + 3.8$	6. $20.66 - 9.1$
_____	_____	_____

Oct 2-9:16 AM

Lesson Quiz**Find each sum or difference.**

1. $8.3 + 2.7$
2. $9.7 - 4$
3. $22.6 + 8.4$
4. Evaluate $12.76 - x$ for $x = 8.41$.
5. During an ice-skating competition, Dawn received the following scores: 4.8, 5.2, 5.4. What was Dawn's total score?

Oct 2-9:17 AM

Dec 10-2:45 PM