Add and Subtract Decimals

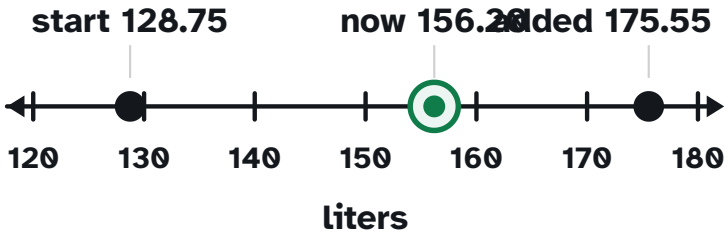
Add and subtract decimals by lining up the decimal points.

Name _____ **Date** _____

Tonight's spark

A fuel tank holds 128.75 liters. A truck adds 46.8 liters. Then 19.35 liters are used. How much fuel is in the tank now?

Guess first: is it more or less than 150 liters?



Our class model: lining up the decimal points

Try it

Work it out on paper. Write one answer on each line.

1. **What is 3.4 + 2.5?**

   A. 5.9 **B.** 59 **C.** 5.09 **D.** 0.9

   My answer _____

2. **To add 4.5 + 0.25, how should 4.5 be rewritten so the places match?**

   A. 4.05 **B.** 4.50 **C.** 45.0 **D.** 0.45

   My answer _____

3. **What is 12.75 + 6.4?**

   A. 13.39 **B.** 19.1 **C.** 19.15 **D.** 25.15

   My answer _____

4 **What is 9.2 – 3.45?**

A. 6.25 **B.** 5.65 **C.** 12.65 **D.** 5.75

My answer _____

5 **What is 50 – 18.6?**

A. 32.4 **B.** 31.4 **C.** 41.4 **D.** 31.6

My answer _____

6 **You have $20. You buy items costing $6.75 and $4.50. How much money is left?**

A. $8.75 **B.** $9.20 **C.** $13.25 **D.** $11.25

My answer _____

Talk about it

Do the decimal points sit in a straight line in your stack?

Home mission

Find two prices with cents on a receipt, like $3.50 and $2.75. Write one under the other with the dots in a line. Ask your student to add them, then check with a round estimate.

If we get stuck, ask

- Are the decimal points lined up in a straight line?
- Does one number need a zero added so both have the same places?
- Let's estimate with round numbers. Is our answer close to that?

Do it on a screen

Scan or type the link. Same lesson, with hints.

eduwonderlab.com/lessons/2-11/homework.html

How did it feel? (optional)

Tricky Getting there Got it