Add and Subtract Decimals Through Thousandths

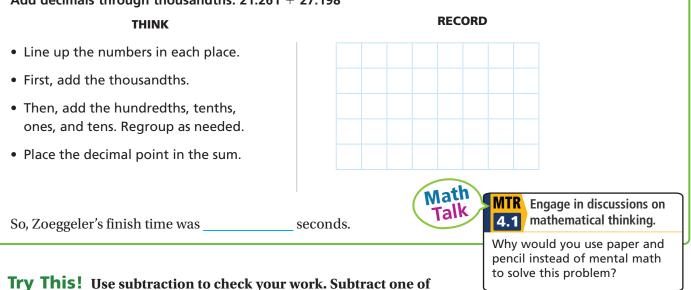
I Can add and subtract multi-digit numbers with decimals to the thousandths.

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UNLOCK the Problem Real

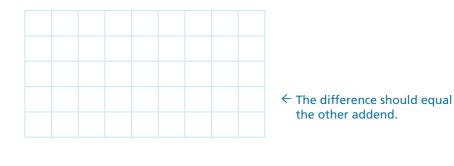
At the 2010 Winter Olympics, Armin Zoeggeler won the bronze medal in the men's luge event. In his fastest run, he completed the first interval in 21.261 seconds. It took him another 27.198 seconds to reach the finish line. What was Zoeggeler's finish time?

Add decimals through thousandths. 21.261 + 27.198



the addends from the sum.

Addition and subtraction are opposite, or **inverse operations**. You can use subtraction to check your answer to an addition problem.



Go Online

For more help

Measurement 5.M.2.1

 Mathematical Thinking & Reasoning MTR.2.1, MTR.3.1, MTR.4.1, MTR.5.1, MTR.6.1

Number Sense & Operations 5.NSO.2.3

Florida's B.E.S.T.

Underline the sentence that tells you

• Circle the numbers you need to use.

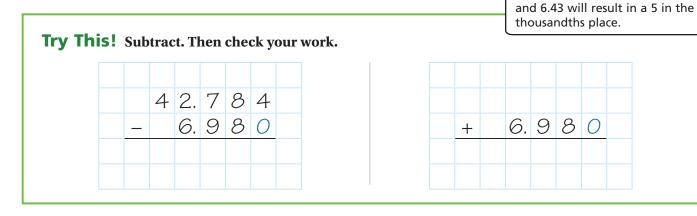
what you are trying to find.

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Lesson 2

Example Zoeggeler finished the first half of the run in 31.116 seconds. The second half took only 17.343 seconds. How many seconds faster was the second half of the run? **Estimate.** 31 – 17 = _____ **STEP 2 STEP 1 STEP 3** Line up the place values. Subtract the ones and Subtract the hundredths. Subtract the thousandths. Subtract the tenths. Regroup tens. Place the decimal as needed. point in the difference. 31.116 31.116 31.116 -1<u>7.34</u>3 -17.<u>3</u>43 <u>-17.343</u> 773 3 3 So, Zoeggeler was seconds faster in the second half of the run. Math MTR Complete tasks with To check subtraction using the inverse operation, add the Talk 3.1 mathematical fluency.

To check subtraction using the inverse operation, add the number you subtracted to the difference. The sum should equal the number you subtracted from.



Share and Show

Find the sum or difference.



Math Board Explain how you know without

adding that the sum of 2.475