Estimating Decimal Sums and Differences - Step-by-Step Lesson
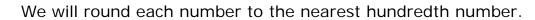
Problem:

Estimate the sum of 3.197 and 4.214 by rounding to the nearest hundredth.

Explanation:

We will round each number to the nearest hundredth number.

3.1**9**7 + 4.2**1**4 = ?

3.20   + 4.21 = ?

Now add:

3.20 + 4.21 = 7.41

The sum is about 7.41.

No we will compare our estimate to the exact answer:

3.197 + 4.214 = 7.411

So, the answer is 7.41.