

MY Homework

Lesson 8

Problem Solving: Extra or Missing Information

Homework Helper



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Stella walked $\frac{4}{10}$ mile to school. During recess, she played soccer.

After school, Stella walked $\frac{13}{100}$ mile to the library. How far did Stella walk before and after school?

1 Understand

What facts do you know?

Stella walked $\frac{4}{10}$ mile to school and $\frac{13}{100}$ mile to the library.
During recess, she played soccer.

What do you need to find?

the distance Stella walked before and after school

2 Plan

The fact that Stella played soccer at recess is extra information.

Find $\frac{4}{10} + \frac{13}{100}$.

3 Solve

$$\frac{4}{10} + \frac{13}{100} = \frac{40}{100} + \frac{13}{100} = \frac{40 + 13}{100} = \frac{53}{100}$$

Write $\frac{4}{10}$ as $\frac{40}{100}$. Then add.

So, Stella walked $\frac{53}{100}$ mile.

4 Check

Does your answer make sense? Explain.

Since $\frac{53}{100} - \frac{40}{100} = \frac{13}{100}$, the answer makes sense.



Problem Solving



Determine if there is extra or missing information to solve each problem. Then solve if possible.

1. Janice bought her mother a bunch of 10 flowers. Two of the flowers are daisies. One half of the remaining flowers are tulips. Write the fraction of the flowers that are daisies.

2. **Mathematical PRACTICE 1** **Make a Plan** There are 100 books in the library. There are non-fiction and fiction books. Write the fraction of the books that are fiction.

3. Sean has a collection of coins. One tenth of the coins are from Europe. Thirty-two hundredths are from Asia. The rest are from Africa. Write a decimal to show the total part of the coins that are from Europe or Asia.

4. Kenley has 100 songs on her digital music player. Of the songs, seventeen hundredths are country songs, two tenths are musicals, and four tenths are classical music songs. What part of the songs are either country or musicals? Write as a decimal.

My Work!