

MY Homework

Lesson 9

Problem Solving: Use the Four-Step Plan

Homework Helper



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Dana walks every day. She walked 3 miles on Tuesday, 5 miles on Wednesday, and 8 miles on Thursday. After Thursday's walk, she had walked a total of 21 miles for the week. How many miles did she walk on Monday?

1 Understand

What facts do you know?

Dana walked 3 miles on Tuesday, 5 miles on Wednesday, and 8 miles on Thursday. Dana walked a total of 21 miles from Monday to Thursday.

What do you need to find?

the number of miles Dana walked on Monday

2 Plan

I can solve the problem by adding 3, 5, and 8 and then subtracting the sum from 21.

3 Solve

$$\begin{aligned} 21 - (3 + 5 + 8) &= 21 - 16 \\ &= 5 \text{ miles} \end{aligned}$$

So, Dana walked 5 miles on Monday.

4 Check

Does your answer make sense? Explain.

Yes. $5 + 3 + 5 + 8 = 21$



Problem Solving

Solve each problem using the four-step plan.


Day	Vehicles
Fri.	27
Sat.	?
Sun.	34

1. The table shows the number of vehicles washed at a car wash fundraiser over the weekend. If there were a total of 94 vehicles, how many were washed on Saturday?
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2. The volleyball team sold 16 items on the first day of a bake sale, 28 items the second day, and 12 items the last day. There were 4 items left that had not been purchased. How many total items were for sale at the bake sale?
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3. Ricardo lost 6 golf balls while playing yesterday. He bought a box of 12 golf balls, then lost 4 on the course today. He now has 18 golf balls. How many golf balls did Ricardo have to begin with?
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4. The distance between Cincinnati, Ohio, and Charlotte, North Carolina, is about 336 miles. The distance between Cincinnati and Chicago, Illinois, is about 247 miles. If Perry drove from Charlotte to Chicago by way of Cincinnati, find the distance he drove.
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5. **Mathematical PRACTICE**  **Plan Your Solution** Adison earned \$25 mowing her neighbor's lawn. Then she loaned her friend \$18, and got \$50 from her grandmother for her birthday. She now has \$86. How much money did Adison have to begin with?
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