

Name _____

Problem Solving: Multiple-Step Problems

Kyle hiked 10 miles on Saturday. He hiked half as many miles on Sunday. How many total yards did Kyle hike?

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|---|------------------------------------|
| 1. What am I asked to find? | 1. Total yards hiked |
| 2. What is the hidden question? | 2. Number of miles hiked on Sunday |
| 3. What is the answer to the hidden question? | 3. 5 miles |
| 4. What else do you need to do? | 4. Convert from miles to yards |

Solve.

Think: to convert from larger units to smaller units, use multiplication.

You know $1 \text{ mi} = 1,760 \text{ yd}$. How many yd is 10 mi? _____

How many yd is 5 mi? _____

How many yd is 15 mi? _____

So, Kyle hiked a total of _____

1. **Mental Math** Kendra biked 10 kilometers on Monday. She biked twice that many km on Tuesday. How many total meters did she bike? What hidden question do you need to answer? Show your work.
