

Problem Solving: Multiple-Step Problems

Write and answer the hidden question(s) in each problem. Then solve the problem.

1. Tiwa spent $1\frac{1}{2}$ hours setting up her computer. It took her 3 times as long to install the software. How long did it take Tiwa to set up the computer and install software?

Hidden question(s): _____

Solution: _____

2. Lon bought 40 ounces of sliced ham. He used $\frac{3}{4}$ of the ham to make sandwiches for his friends and $\frac{1}{5}$ of the ham in an omelet. How many ounces of ham were left?

Hidden question(s): _____

Solution: _____

3. Lionel cut off $\frac{1}{6}$ of a 48-inch piece of rope. Marsha cut off $\frac{1}{4}$ of a 36-inch piece of rope. They compared their cut pieces. Whose piece is longer? How much longer?

Hidden question(s): _____

Solution: _____

4. Melanie bought 3 CDs. The country music CD cost \$15. The rock music CD cost $\frac{2}{3}$ as much as the country music CD. The platinum edition CD cost twice as much as the rock CD. What was the cost of the three CDs?

Hidden question(s): _____

Solution: _____

5. **Writing to Explain** Choose one of the problems above. Explain how you determined the hidden question and why it was necessary to answer that question in order to solve the problem.
