Homework

1. Mariah needed to order her senior pictures. She made a list of all the people she wanted to give a picture to. She needed an 8×10 for her parents, two 5×7s for each of her grandparents, five 3×5s for her aunts and uncles, and 32 wallet-size pictures for her friends. The photo company charges $12.00 for each sheet of pictures. An 8×10 is a whole sheet, two 5×7s can fit on one sheet, three 3×5s fit on a sheet, and 16 wallet-size pictures fit on a sheet. How much money will she pay for pictures?

   What is this problem asking you to find? _____

   _____

2. Paul gets money for each chore he completes around the house. He receives $5.00 for taking out the garbage all week, $10.00 for cleaning the bathroom, $3.00 for emptying the dishwasher, and $4.00 an hour for babysitting his younger sister. This week, he took out the garbage, emptied the dishwasher three times, and babysat his sister for five hours. How much money should he receive?

   Which of the following lists all of the facts that are needed to solve the problem?

   A. $5.00 for taking out the garbage, $3.00 for emptying the dishwasher, and $4.00 an hour for babysitting his sister.

   B. $5.00 for taking out the garbage, $10.00 for cleaning the bathroom, $3.00 for emptying the dishwasher, and $4.00 an hour for babysitting his sister.

   C. $5.00 for taking out the garbage, $10.00 for cleaning the bathroom, $4.00 an hour for babysitting his younger sister, he took out the garbage, he emptied the dishwasher three times, he babysat for five hours.

   D. $5.00 for taking out the garbage, $3.00 for emptying the dishwasher, $4.00 an hour for babysitting his younger sister, he took out the garbage, he emptied the dishwasher three times, he babysat for five hours

LESSON 1: SOLVE

Homework

3. Trisha and Felix are renting a car while on vacation. The rental car company charges $25.00 per day, plus $0.50 for each mile the car is driven. They drive the car for 118 miles during their three-day trip. How much are they charged?

Which of the following is the correct plan?

A. Add the amount per day to the amount per mile. Multiply the sum by the amount per mile.

B. Multiply the amount per mile by the number of miles. Add the charge per day to the product.

C. Multiply the cost per day by the number of days. Multiply the amount per mile by the number of miles. Add the two products.

D. Multiply the cost per day by the number of days. Multiply the amount per mile by the number of miles. Multiply the two products.

4. Which is the best estimate and answer for Problem 3 above?

A. $150, $134   B. $100, $193   C. $200, $134   D. $150, $193

5. How much does the car rental cost Trisha and Felix? Write your answer in a complete sentence.

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Homework

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Directions for 6–10: Complete the five steps of the SOLVE process for the problem below.

Four friends went out to breakfast.Two of them ordered omelets for $5.49 each, and the other two ordered French toast for $6.29 each. Each breakfast included orange juice. They decided to split the bill evenly, except that Jill offered to leave a $3.00 tip with her payment. How much did Jill end up paying for breakfast?

6. S – Underline the question.
     This problem is asking me to find _____

7. O – Identify the facts.
     Eliminate the unnecessary facts.
     List the necessary facts.

8. L – Choose an operation or operations.
     Write in words what your plan of action will be.

9. V – Estimate your answer.
     Carry out your plan.

10. E – Does your answer make sense? (Compare your answer to the
      question.)
      Is your answer reasonable? (Compare your answer to the
      estimate.)
      Is your answer accurate? (Check your work.)
      Write your answer in a complete sentence.