

Grade 5 Math Word Problems Worksheet

Read and answer each question. Show your work!

Mixed Practice #5

1. Mrs. Hilt traveled 21,120 feet. How many miles did she travel?
2. Mrs. Hilt collected 1,003 nickels in a jar. She went to the bank to cash them in. How much money did the bank give Mrs. Hilt?
3. Mrs. Hilt owns a house on a lot shaped like a rectangle. The perimeter of the lot is 60 feet. What is the length and the width of the lot?
4. Mrs. Hilt bought 15 books. She paid \$11 for each book. She later sold all 15 books for \$25 each. What is the difference between the total amount of money Mrs. Hilt sold the books for and the total amount of money she paid for the books?
5. Mrs. Hilt earned \$25 one week for shoveling snow and \$50 for the next week. Then, she gave $\frac{2}{5}$ of her earnings to her little sister for helping her. How much money did she give to her little sister?
6. Over the weekend, the Philadelphia area received an approximate $26\frac{7}{10}$ inches of snowfall. If a province in Canada received three times as much snowfall, how much would the accumulation in that province be?

Answers

1. 1 mile = 5280 feet. $21,120 \div 5280 = 4$
She traveled 4 miles.
2. $1003 \times 0.05 = 50.15$
The bank gave her \$50.15.
3. Perimeter = $2 \times (\text{length}) + 2 \times (\text{width})$.
Guess and Check: length=5, width =10. $2 \times 5 + 2 \times 10 = 30$
Length=10, width=20. $2 \times 10 + 2 \times 20 = 60$
The lot could be 10 feet by 20 feet.
4. She paid $15 \times 11 = 165$. She earned $15 \times 25 = 375$.
 $375 - 165 = 210$
The difference is \$210.
5. She earned $25 + 50 = \$75$ total.
 $75 \times 2 = 150$. $150 \div 5 = 30$
She gave her sister \$30.
6. Change $26 \frac{7}{10}$ into an improper fraction. $10 \times 26 + 7 = 267$. So $267/10$.
 $267/10 \times 3/1 = 801 / 10$, which we can divide to make a mixed number.
 $801 \div 10 = 80$ remainder 1, so it is $80 \frac{1}{10}$.
The accumulation was $80 \frac{1}{10}$ inches.