

Mixed practice word problems

Grade 5 Math Word Problems Worksheet

Read and answer each question. Show your work!

1. You had \$1 million, but then you spent \$999 and then \$22,222. How much money do you have left?
2. Emmy Noether, the Mother of Modern Algebra, was born in 1882. In what year did she celebrate her 25th birthday?
3. I am ordering three books online. The first book costs \$21.95, the second book costs \$4.95, and the third book costs \$5.95. Postage and handling cost \$3.50 no matter how many books I order. Since I don't have to pay sales tax, how much will my total cost be?
4. Many families serve each person in the family one 6-ounce glass of orange juice each morning. If they buy orange juice by the gallon, how many whole servings of juice will they get out of one gallon of juice? (One gallon = 4 quarts, and 1 quart = 32 ounces.)
5. You have \$12 in nickels and quarters. If you have the same number of each kind of coin, how many nickels do you have?

Answers

1. $1,000,000 - 999 - 22,222 = 976,779$
You have \$976,779 left.
2. $1,882 + 25 = 1,907$
She was 25 in 1,907.
3. $21.95 + 4.95 + 5.95 + 3.50 = 36.35$
The total cost is \$36.35.
4. 1 gallon = 4 quarts. 4 quarts x 32 ounces = 128 ounces total.
 $128 \div 6 = 21$ remainder 2.
There are 21 whole servings.
5. Guess and check: 20 quarters (\$5.00) + 20 nickels (\$1.00) = \$6.00
40 quarters (\$10.00) + 40 nickels (\$2.00) = \$12.00
You have 40 quarters and 40 nickels.