Grade 5 Place Value Worksheet

Name:_____   **Date:_____**

Place Value Word Problems

Instructions: Read each word problem carefully and answer the questions that follow. Show your work for full credit.

1. School Supplies

Samantha bought 2,345 pencils for her classroom. Each pencil costs $0.75.

a) How much did Samantha spend on the pencils in total?

b) If Samantha paid with a $2,000 bill, how much change did she receive?

2. Book Collection

James has a book collection of 7,890 books. He decides to donate 3,456 of them to a library.

a) How many books does James have left in his collection?

b) What is the place value of the digit 8 in the number of books James had before donating?

3. Concert Tickets

The concert hall has 8,912 seats. If 3,657 seats are occupied, how many seats are still available?

a) Calculate the number of available seats.

b) What is the value of the digit 6 in the number of seats occupied?

4. Family Vacation

The Smith family plans to travel 1,256 miles on their vacation. They have already traveled 489 miles.

a) How many more miles do they need to travel to reach their destination?

b) What is the place value of the digit 5 in the total number of miles they plan to travel?

5. School Fair

At the school fair, there are 4,210 tickets sold for the game booths. Each ticket costs $3.25.

a) How much money did the school make from selling the tickets?

b) If the total earnings were recorded in a bank account, what is the value of the digit 2 in the number of tickets sold?

Answer Key

1. a) $1,758.75   b) $258.75

2. a) 4,434 books   b) 80,000

3. a) 5,255 seats   b) 60,000

4. a) 767 miles   b) 50,000

5. a) $13,670   b) 2,000