tutorified

1. A campsite sells a camping reservation of $22 per night. In the summer of 2018, a total of 1,612 reservations were made. How much money was collected by the site in the summer of 2018?

   Solution:

2. A rental car service rents a car at a price of $37 per day including the total mileage of 200 miles per day. Additional miles are charged at 0.85 cents per mile. Kent rented the car for a day and drove it for 320 miles. How much did it cost for Kent to rent the car?

   Solution:

3. Use the data in the table on your right to solve the following problems:
   a. How much money did the sale of colored pencil?
   b. Find the total sales of school supplies in September 2018?
   c. What was the difference in the sales of ream paper and spiral notebook?

Revenue Statement at School Supply Store in September 2018		
School Supply	Price	Quantity Sold
Colored Pencil	$0.75	6,560
Crayons	$0.50	4,042
Highlighters (2 pk)	$1.00	5,874
Spiral Notebook	$0.25	9,827
Ream Paper	$2.00	7,100

   Solution:

   a.   b.   c.

4. A car dealership is stating in the marketing flyers that the cost to a small size car is 38 cents per mile. The cost of leasing the same car is 46 cents per miles for the first 50,000 miles and 33 cents per mile for the next 60,000 miles. If James wants to keep a car for 110,000 miles, should he own the car or lease? Explain.

   Solution:

5. Max weighs 135 lb. How much does Max weigh in grams?
   (1 lb = 453.6 grams)
   A. 61,623 grams   C. 61,025 grams
   B. 61,236 grams   D. 61,123 grams

   Solution:

4.NBT.B.5 Multiply 3 or 4-Digit Numbers by 2-Digit Numbers (Word Problems)

4.NBT.B.5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers

1. A campsite sells a camping reservation of $22 per night. In the summer of 2018, a total of 1,612 reservations were made. How much money was collected by the site in the summer of 2018?

   Solution:

   $35,464

2. A rental car service rents a car at a price of $37 per day including the total mileage of 200 miles per day. Additional miles are charged at 0.85 cents per mile. Kent rented the car for a day and drove it for 320 miles. How much did it cost for Kent to rent the car?

   Solution:

   $38.02

3. Use the data in the table on your right to solve the following problems:
   a. How much money did the sale of colored pencil?
   b. Find the total sales of school supplies in September 2018?
   c. What was the difference in the sales of ream paper and spiral notebook?

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   Solution:
   a. $4,920   b. $29,471.75   c. $11,743.25

4. A car dealership is stating in the marketing flyers that the cost to a small size car is 38 cents per mile. The cost of leasing the same car is 46 cents per miles for the first 50,000 miles and 33 cents per mile for the next 60,000 miles. If James wants to keep a car for 110,000 miles, should he own the car or lease? Explain. $1,000

   Solution:

   James should own the car. He can save $1,000.

5. Max weighs 135 lb. How much does Max weigh in grams?
   (1 lb = 453.6 grams)
   A. 61,623 grams   C. 61,025 grams
   B. 61,236 grams   D. 61,123 grams

   Solution: B