tutorified

5.NBT.B.5 Multiplying by Two Digits Word Problems

5.NBT.B.5: Fluently multiply multi-digit whole numbers using the standard algorithm.

1. A delivery services company charges $37 each parcel up to 1,000 grams. Weights above 1,000 grams are charged $2 per 100 grams. A customer is about to ship a parcel weighing 1,500 grams. How much money does the customer need to pay for the parcel?

   Answer:

2. An ice cream stall sells about 35 gallons of ice cream each day. Each gallon costs $25. How much money does the ice cream stall collect in a year? Assume that a year has 365 days.

   Answer:

3. Use the data in the table to answer the questions below.
   a. How much money did the bookstore earn on Novels?
   b. How much money did the bookstore earn on Short Stories?
   c. How much money did the bookstore earn on Poem Collections?

   Sales Report of Books Sold – 2018

Book Category	Price ($)	Quantity Sold
Short Story	17	15,215
Novel	45	2,762
Autobiography	28	1,687
Poem Collection	42	25,642
Religion	32	11,879
Language	55	5,673

   Answers:

   a.   b.   c.

4. Jewel's Gems sold 56,234 jewelry last year. The making of one jewelry costs $712. If Jewel's Gem sold each jewelry for $805 each, how much profit did Jewel's Gem make last year?

   Answer:

5. A Christmas light flickers 85 times every minute. How many times will it flicker in a day?
   A. 2,040 times   C. 122,400 times
   B. 5,100 times   D. 1,224,000 times

   Answer:

5.NBT.B.5 Multiplying by Two Digits Word Problems

Answer Key

5.NBT.B.5: Fluently multiply multi-digit whole numbers using the standard algorithm.

1. A delivery services company charges $37 each parcel up to 1,000 grams. Weights above 1,000 grams are charged $2 per 100 grams. A customer is about to ship a parcel weighing 1,500 grams. How much money does the customer need to pay for the parcel?

Answer:
$47

2. An ice cream stall sells about 35 gallons of ice cream each day. Each gallon costs $25. How much money does the ice cream stall collect in a year? Assume that a year has 365 days.

Answer:
$319,375

3. Use the data in the table to answer the questions below.
   a. How much money did the bookstore earn on Novels?
   b. How much money did the bookstore earn on Short Stories?
   c. How much money did the bookstore earn on Poem Collections?

Sales Report of Books Sold – 2018

Book Category	Price ($)	Quantity Sold
Short Story	17	15,215
Novel	45	2,762
Autobiography	28	1,687
Poem Collection	42	25,642
Religion	32	11,879
Language	55	5,673

Answers:

a. $124,290   b. $258,655   c. $1,076,964

4. Jewel's Gems sold 56,234 jewelry last year. The making of one jewelry costs $712. If Jewel's Gem sold each jewelry for $805 each, how much profit did Jewel's Gem make last year?

Answer:
$5,229,762

5. A Christmas light flickers 85 times every minute. How many times will it flicker in a day?
   A. 2,040 times
   B. 5,100 times
   C. 122,400 times
   D. 1,224,000 times

Answer:
C. 122,400 times