

5.NBT.B.5 Multiplying Multi-Digit by One-Digit

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

Answer Key

1. Find the product.

$\begin{array}{r} 682 \\ \times 4 \\ \hline 2,728 \end{array}$	$\begin{array}{r} 974 \\ \times 2 \\ \hline 1,948 \end{array}$	$\begin{array}{r} 8,648 \\ \times 6 \\ \hline 51,888 \end{array}$	$\begin{array}{r} 6,548 \\ \times 5 \\ \hline 32,740 \end{array}$	$\begin{array}{r} 25,845 \\ \times 7 \\ \hline 180,915 \end{array}$
$\begin{array}{r} 65,843 \\ \times 3 \\ \hline 197,529 \end{array}$	$\begin{array}{r} 58,317 \\ \times 9 \\ \hline 524,853 \end{array}$	$\begin{array}{r} 84,321 \\ \times 8 \\ \hline 674,568 \end{array}$	$\begin{array}{r} 321,587 \\ \times 5 \\ \hline 1,607,935 \end{array}$	$\begin{array}{r} 48,603 \\ \times 7 \\ \hline 340,221 \end{array}$

2. Johan paid \$177 each for 8 bags of cookies. How much money did he pay in total for the bags of cookies?

Answer:
\$1,416

3. Phoebe's family is planning to rent a car for their vacation outside the country. Phoebe prepared a table for the different car rental companies she has searched. Use the table to answer the questions below.

- How much will it cost them to hire company B's car for 3 days?
- How much more will it cost the family to hire company C's car than company D's car for 3 days?
- Phoebe's family decides to hire two cars for 4 days. They plan to spend no more than \$250 but not less than \$200. From which company will they hire the cars?

Car Rentals Pricelist

Company Rating	Rate per Day (\$)
A	35
B	58
C	92
D	63
E	40

Answers:

a. \$174

b. \$87

c. Company B

4. Which numeric expression has the same value as 6×684 ?

- $6 \times (68 + 4)$
- $6 \times (600 + 80 + 4)$
- $6 \times 600 \times 80 \times 4$
- 6×486

Answer:

B. $6 \times (600 + 80 + 4)$

5. What is the cost of 8 laptops if each laptop costs \$2,382?

- \$19,056
- \$20,056
- \$9,056
- \$20,198

Answer:

A. \$19,056