

5.NBT.B.5 Multiplying by Two Digits

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

1. Find the product.

| | | | | |
|---|--|--|--|--|
| $\begin{array}{r} 284 \\ \times 16 \\ \hline \end{array}$ | $\begin{array}{r} 681 \\ \times 57 \\ \hline \end{array}$ | $\begin{array}{r} 3,804 \\ \times 65 \\ \hline \end{array}$ | $\begin{array}{r} 32,218 \\ \times 87 \\ \hline \end{array}$ | $\begin{array}{r} 47,630 \\ \times 43 \\ \hline \end{array}$ |
| $\begin{array}{r} 9,876 \\ \times 88 \\ \hline \end{array}$ | $\begin{array}{r} 53,421 \\ \times 74 \\ \hline \end{array}$ | $\begin{array}{r} 32,842 \\ \times 37 \\ \hline \end{array}$ | $\begin{array}{r} 10,742 \\ \times 86 \\ \hline \end{array}$ | $\begin{array}{r} 18,675 \\ \times 64 \\ \hline \end{array}$ |

2. A hair salon earns about \$1,420 a week. How much money will the hair salon earn in a year? (Hint: 1 year = 52 weeks)

Answer:

3. All members of an organization are required to pay an annual membership fee of \$87. If there are 325,912 members, how much will be the annual membership fee collection of the organization each year?

Answer:

4. Cecille spends 5 days a week and 3 hours a day in training. How many hours does Cecille spend on training if she trains for 36 weeks in the whole year?

Answer:

5. A car's monthly fee is \$2,015. If the car is for 48 months to pay, how much does the car cost?

Answer:

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Answer Key

1. Find the product.

| | | | | |
|---|--|--|--|--|
| $\begin{array}{r} 284 \\ \times 16 \\ \hline 4,544 \end{array}$ | $\begin{array}{r} 681 \\ \times 57 \\ \hline 38,817 \end{array}$ | $\begin{array}{r} 3,804 \\ \times 65 \\ \hline 247,260 \end{array}$ | $\begin{array}{r} 32,218 \\ \times 87 \\ \hline 2,802,966 \end{array}$ | $\begin{array}{r} 47,630 \\ \times 43 \\ \hline 2,048,090 \end{array}$ |
| $\begin{array}{r} 9,876 \\ \times 88 \\ \hline 869,088 \end{array}$ | $\begin{array}{r} 53,421 \\ \times 74 \\ \hline 3,953,154 \end{array}$ | $\begin{array}{r} 32,842 \\ \times 37 \\ \hline 1,215,154 \end{array}$ | $\begin{array}{r} 10,742 \\ \times 86 \\ \hline 923,812 \end{array}$ | $\begin{array}{r} 18,675 \\ \times 64 \\ \hline 1,195,200 \end{array}$ |

2. A hair salon earns about \$1,420 a week. How much money will the hair salon earn in a year? (Hint: 1 year = 52 weeks)

Answer:

\$73,840

3. All members of an organization are required to pay an annual membership fee of \$87. If there are 325,912 members, how much will be the annual membership fee collection of the organization each year?

Answer:

\$28,354,344

4. Cecille spends 5 days a week and 3 hours a day in training. How many hours does Cecille spend on training if she trains for 36 weeks in the whole year?

Answer:

540 hours

5. A car's monthly fee is \$2,015. If the car is for 48 months to pay, how much does the car cost?

Answer:

\$96,720