

Name \_\_\_\_\_

## Multiplying up to 6-Digit Numbers

The students at Hamilton High School sold 3,416 raffle ticket books to raise money for band instruments. Each ticket cost \$2.35, and there are 6 tickets in each book. How many raffle tickets were sold? How much did each book cost?



We want to know the number of raffle tickets sold altogether. We know the students sold \_\_\_\_\_ books; there are \_\_\_\_\_ tickets in each book, and each ticket costs \_\_\_\_\_.

To find the total number of tickets, we multiply the number of tickets in each book by the number of books.

We multiply \_\_\_\_\_ by \_\_\_\_\_.

Multiply the ones.

$$\begin{array}{r} 3,416 \\ \times \quad 6 \\ \hline 6 \end{array}$$

Multiply the tens.

$$\begin{array}{r} 3,416 \\ \times \quad 6 \\ \hline 96 \end{array}$$

Multiply the hundreds.

$$\begin{array}{r} 3,416 \\ \times \quad 6 \\ \hline 496 \end{array}$$

Multiply the thousands.

$$\begin{array}{r} 3,416 \\ \times \quad 6 \\ \hline 20,496 \end{array}$$

The students sold \_\_\_\_\_ raffle tickets.

To find the total cost of one book, we multiply the cost of one ticket by the number of tickets in the book.

We multiply \_\_\_\_\_ by \_\_\_\_\_.

Multiply money the same way you multiply whole numbers. Remember to place the dollar sign and decimal point in the product.

$$\begin{array}{r} \$2.35 \\ \times \quad 6 \\ \hline \end{array}$$

Each book of tickets costs \_\_\_\_\_.

### Getting Started

Multiply.

1.  $\begin{array}{r} \$9.27 \\ \times \quad 5 \\ \hline \end{array}$

2.  $\begin{array}{r} \$567.25 \\ \times \quad 4 \\ \hline \end{array}$

Copy and multiply.

3.  $9 \times 592,403$

4.  $6 \times \$19.56$