

4.NBT.B.5 Multiply 3/4-Digit Numbers by 2-Digit Numbers Using Place Value

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. Use place value and regrouping to find the product.

$$\begin{array}{r} 534 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 827 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 4,856 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 5,631 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 858 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 236 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 4,287 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 230 \\ \times 97 \\ \hline \end{array}$$

$$\begin{array}{r} 6,631 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 9,152 \\ \times 72 \\ \hline \end{array}$$

2. The ticket prices at a certain circus is shown in the table on your right. The circus show was attended by 116 kids who were under the age of 12 years, 325 people who were between 12 years and 65 years, and 247 people who were over 65 years. What was the collection for this show at the box office?

Ticket prices at a certain circus	
Age	Ticket Price
Under 12 years	\$13
12 to 65 years	\$20
Over 65 years	\$15

Solution:

3. A meter is equal to 10 decimeter. 1 decimeter is 10 centimeter. Mica measured the fence around her house is 85 meters long. How many centimeters long is the fence?

Solution:

4. Jim bought 34 pounds of flour at a price of \$0.33 per pound. He also bought 25 pounds of brown sugar \$0.89 per pound. How much did he spend?

Solution:

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1. Use place value and regrouping to find the product.

$$\begin{array}{r} 534 \\ \times 41 \\ \hline 21,894 \end{array}$$

$$\begin{array}{r} 827 \\ \times 32 \\ \hline 26,464 \end{array}$$

$$\begin{array}{r} 4,856 \\ \times 27 \\ \hline 131,112 \end{array}$$

$$\begin{array}{r} 5,631 \\ \times 64 \\ \hline 360,384 \end{array}$$

$$\begin{array}{r} 858 \\ \times 36 \\ \hline 30,888 \end{array}$$

$$\begin{array}{r} 236 \\ \times 68 \\ \hline 16,048 \end{array}$$

$$\begin{array}{r} 4,287 \\ \times 83 \\ \hline 355,821 \end{array}$$

$$\begin{array}{r} 230 \\ \times 97 \\ \hline 22,310 \end{array}$$

$$\begin{array}{r} 6,631 \\ \times 44 \\ \hline 291,764 \end{array}$$

$$\begin{array}{r} 9,152 \\ \times 72 \\ \hline 658,944 \end{array}$$

2. The ticket prices at a certain circus is shown in the table on your right. The circus show was attended by 116 kids who were under the age of 12 years, 325 people who were between 12 years and 65 years, and 247 people who were over 65 years. What was the collection for this show at the box office?

Ticket prices at a certain circus	
Age	Ticket Price
Under 12 years	\$13
12 to 65 years	\$20
Over 65 years	\$15

Solution: \$11,713

3. A meter is equal to 10 decimeters. 1 decimeter is 10 centimeters. Mica measured the fence around her house is 85 meters long. How many centimeters long is the fence?

Solution: 8,500 centimeters

4. Jim bought 34 pounds of flour at a price of \$0.33 per pound. He also bought 25 pounds of brown sugar \$0.89 per pound. How much did he spend?

Solution: \$33.47