

Name:

Class:

## MULTIPLYING A THREE - DIGIT NUMBERS

**Multi-digit Multiplication**

**Step 1:** we take  
 $6 \times 324 = 1944$

**Step 2:** we take  
 $4 \times 324 = 1296$

**Step 3:** adding  
 $1944 + 12960$  together!

**Step 1:**

$$\begin{array}{r}
 324 \\
 \times 46 \\
 \hline
 1944
 \end{array}$$

**Step 2:**

$$\begin{array}{r}
 324 \\
 \times 46 \\
 \hline
 1944 \\
 + 12960 \\
 \hline
 14904
 \end{array}$$

**Step 2:** we take  
 $4 \times 324 = 1296$   
But we need to add 0 because number 4 is in **ten places** means 4 tens = 40  
So 1296 became 12960

Let's try to do some exercises!

730

 $\times 5$ 

118

 $\times 3$ 

305

 $\times 4$ 

224

 $\times 5$ 

152

 $\times 3$ 

200

 $\times 70$ 

704

 $\times 64$ 

193

 $\times 77$ 

450

 $\times 25$ 

698

 $\times 92$

Solve the problems below:

1. The school planned for 920 students to attend the school dance. The school bought 406 slices of pizza for each student. How many slides did the school buy?

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2. Mr. William has a bike rental business. Over the weekend, he rented 108 bikes. A bike can hold 2 people. If each bike was full, how many people did Mr. Ferris rent to over the weekend?

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3. The cinema opens every day in town. From Monday to Saturday, there are 567 people showed up. The cinema decided to run a promotion on Sunday. They will give out 24 gift vouchers to each person for free drinks. How many vouchers did they give out if Sunday has 67 people more to come?

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4. Deon and Denise are saving up to buy a computer game. If they put 23 dollars a week in the bank, how much money will they have in 20 weeks?

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If each person put 2000 dollars more in the saving, how much money will they have in total?

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