

Name:

Class:

## MULTIPLYING A TWO - 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!

73

 $\times 34$ 

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46

 $\times 29$ 

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68

 $\times 40$ 

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17

 $\times 21$ 

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134

 $\times 24$ 

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50

 $\times 19$ 

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55

 $\times 33$ 

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50

 $\times 10$ 

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45

 $\times 25$ 

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64

 $\times 9$ 

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Solve the problems below:

1. There are 48 chicken farms near an Ohio town. If each farm has 9 barns, how many total barns are there?

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2. Mr. Ferris has a canoe rental business. Over the weekend, he rented 47 canoes. A canoe can hold 3 people. If each canoe was full, how many people did Mr. Ferris rent to over the weekend?

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3. The pool opened on Memorial Day. Ninety four people showed up. The pool manager gave out 2 vouchers to each person for free drinks. How many vouchers did the pool manager give out?

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4. In the Sumton community, there are 56 houses. If there are 3 children living in each house, how many children live in houses in Sumton?

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If each child has 36 gifts received from the city on Christmas day, how many gifts all of those kids will be?

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