

Name: _____

Class: _____

MULTIPLYING A TWO - DIGIT NUMBERS

Multi-digit Multiplication

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

Step 1:

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

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

Step 2:

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

Step 3: adding
 $1944 + 12960$
together!

Let's try to do some exercises!

73

 $\times 34$

46

 $\times 29$

68

 $\times 40$

17

 $\times 21$

134

 $\times 24$

50

 $\times 19$

55

 $\times 33$

50

 $\times 10$

45

 $\times 25$

64

 $\times 9$

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?

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?

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?

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

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

