

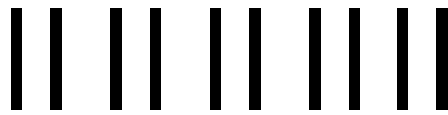
# January 10-14 Homework

Name: \_\_\_\_\_

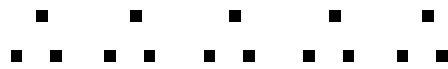
Date: \_\_\_\_\_

Draw ten-sticks and one-dots to illustrate the numbers. Then use the distributive property to multiply.

$$\underline{5 \times 23}$$



$5 \times 20 =$



$5 \times 3 =$

$$5 \times 23 = \underline{100} + \underline{15} = \underline{115}$$

$$\underline{5 \times 95}$$

$$\underline{2 \times 74}$$

$$\underline{4 \times 126}$$

Now break the second number (factor) into hundreds, tens and ones. Multiply in parts (hundreds, tens, and ones separately), and add.

a.  $\underline{7 \times 1,123}$

$$7 \times 1,000 =$$

$$7 \times 100 =$$

$$7 \times 20 = \quad +$$

$$7 \times 3 = \quad \underline{\quad}$$

b.  $\underline{8 \times 2,115}$

$$8 \times 2,000$$

$$8 \times 100 =$$

$$8 \times 10 = \quad +$$

$$8 \times 5 = \quad \underline{\quad}$$

g.  $\underline{7 \times 194}$

+

h.  $\underline{9 \times 109}$

+

Multiply the ones.    Multiply the tens.    Add.

$$\begin{array}{r} 64 \\ \times 8 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 64 \\ \times 8 \\ \hline 32 \\ 480 \end{array}$$

$$\begin{array}{r} 64 \\ \times 8 \\ \hline 32 \\ + 480 \\ \hline 512 \end{array}$$

Using the column method, as shown above, multiply to solve.

$$\begin{array}{r} 93 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 135 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 417 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 172 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 146 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ \times 7 \\ \hline \end{array}$$

# PUZZLE CORNER

Can you figure out what was multiplied?

$$\begin{array}{r} \square \square \\ \times \quad 4 \\ \hline 36 \\ + 240 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \\ \times \quad 7 \\ \hline 48 \\ + 560 \\ \hline \end{array}$$

$$\begin{array}{r} \square \square \square \\ \times \quad 6 \\ \hline 54 \\ 360 \\ +1800 \\ \hline \end{array}$$

$\begin{array}{r} 2 \\ 27 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ 27 \\ \times 4 \\ \hline 108 \end{array}$
$4 \times 7 = 28$	$4 \times 2 + 2 = 10$

$\begin{array}{r} 6 \\ 69 \\ \times 7 \\ \hline 3 \end{array}$	$\begin{array}{r} 6 \\ 69 \\ \times 7 \\ \hline 483 \end{array}$
$7 \times 9 = 63$	$7 \times 6 + 6 = 48$

Use the standard multiplication algorithm, multiply. Be careful with the carrying.

$$\begin{array}{r} 53 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 9 \\ \hline \end{array}$$

## PUZZLE CORNER

Fill in missing numbers in these multiplications:

$$\begin{array}{r} \square 1 \square \\ \times \quad 4 \\ \hline 468 \end{array}$$

$$\begin{array}{r} 1 \square 4 \\ \times \quad \square \\ \hline 870 \end{array}$$

$$\begin{array}{r} 3 \square 9 \\ \times \quad 3 \\ \hline \square 5 \square \end{array}$$

**Directions: Solve the word problems below. Show your work.**

1. Mrs. Moore took her 4th grade class of 25 students to the aquarium. Admission for each student was \$9. What was the total amount of money needed for the field trip?
2. One hundred eighty-seven students were passing around a petition to stop the historical building from being demolished. Each student collected 9 signatures. What was the total number of signatures the students collected?
3. Sandy walks 6 miles in a month. If she were consistent in her walking for 2 years, how many miles will she have walked?
4. John sold 2,536 cookbooks at \$7 each. How much did he make?