$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$
$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$
$$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$$
$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$
$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$
$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$
$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$
$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$
$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$
$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$
$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$
$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$
$$\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$$

2 × 0 = ___   4 × 1 = ___   4 × 7 = ___

4 × 5 = ___   2 × 8 = ___   5 × 7 = ___

5 × 8 = ___   5 × 6 = ___   4 × 9 = ___

2 × 9 = ___   2 × 6 = ___   4 × 0 = ___

4 × 0 = 0   3 × 1 = 3   The answer you get when you multiply is called the *product*. The two numbers multiplied are called *factors*.

factors product   factors product

1 × 0 = ___   5 × 0 = ___   3 × 0 = ___

When you multiply by 0, the product is always _____.

1 × 1 = ___   2 × 1 = ___   5 × 1 = ___

When one of the factors is 1, the _____ is always the same as the other factor.

$$\begin{array}{r} 17 \\ \times\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ \times\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ \times\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times\ 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 55 \\ \times\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ \times\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times\ 7 \\ \hline \end{array}$$

If there are three numbers on top,
you keep multiplying and regrouping.

$$\begin{array}{r} 1\ 0\ 6 \\ \times\ 7\ 3 \end{array}$$

Multiply by 3.

$$\begin{array}{r} {}^{1}\ \ \\ 1\ 0\ 6 \\ \times\ 7\ 3 \\ \hline 3\ 1\ 8 \end{array}$$ (3 x 106)

$$\begin{array}{r} {}^{4}\ \ \\ 1\ 0\ 6 \\ \times\ 7\ 3 \\ \hline 3\ 1\ 8 \\ 7\ 4\ 2 \end{array}$$ Multiply by 7.   (7 x 106)

Now add.

$$\begin{array}{r} 1\ 0\ 6 \\ \times\ 7\ 3 \\ \hline 3\ 1\ 8 \\ +\ 7\ 4\ 2\ \ \\ \hline 7\ 7\ 3\ 8 \end{array}$$

$$\begin{array}{r} 1\ 0\ 1 \\ \times\ 1\ 2 \end{array}$$

$$\begin{array}{r} 6\ 1\ 8 \\ \times\ 3\ 7 \end{array}$$

$$\begin{array}{r} 2\ 0\ 8 \\ \times\ 3\ 4 \end{array}$$

$$\begin{array}{r} 4\ 2\ 2 \\ \times\ 7\ 8 \end{array}$$

$$\begin{array}{r} 4\ 3\ 6 \\ \times\ 4\ 4 \end{array}$$

$$\begin{array}{r} 3\ 1\ 5 \\ \times\ 5\ 6 \end{array}$$

2-digit number x 3-digit number, regrouping