

 Name: _____

CCSS 3.OA.7 Fluently multiply and divide within 100.....

Multiplication by 2

When you multiply (times) by 2, it is the same as a doubles fact. For example, the answer to 4×2 is the same as the answer to $4 + 4$.

$$4 \times 2 = 8 \quad \text{and} \quad 4 + 4 = 8$$

The answer to an addition problem is called a sum.
The answer to a multiplication problem is called a product.

Directions: Solve the following problems.

| | | | | | | | |
|---|--|--|---|--|--|---|--|
| $\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$ | | $\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$ | | $\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$ |
| $\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$ | | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$ | | $\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$ |
| $\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$ | | $\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$ | | $\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$ |