

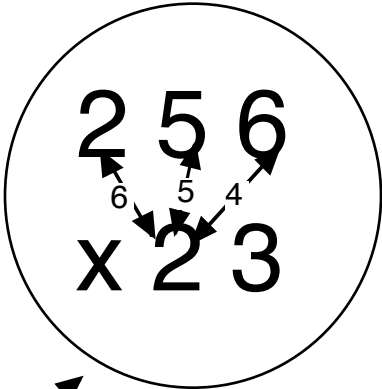
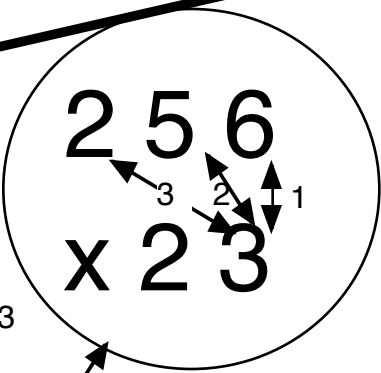
Multiplication Learning 3

Are you ready to learn this?

Name _____

Date _____

$$\begin{array}{r}
 1 \ 1 \\
 256 \\
 \times 23 \\
 \hline
 7 \ 6 \ 8 \\
 + 5 \ 1 \ 2 \ 0 \\
 \hline
 5 \ 8 \ 8 \ 8
 \end{array}$$



Step 1: Multiply 256x3 (remember to carry)

$$\begin{array}{r}
 256 \\
 \times 23 \\
 \hline
 7 \ 6 \ 8
 \end{array}$$

$$\begin{array}{r}
 1 \ 1 \\
 256 \\
 \times 23 \\
 \hline
 5 \ 7 \ 6 \ 8 \\
 1 \ 2 \ 0
 \end{array}$$

Step 2: put in the 0 and the multiply 256x2 (remember to carry)

$$\begin{array}{r}
 1 \ 1 \\
 256 \\
 \times 23 \\
 \hline
 7 \ 6 \ 8 \\
 + 5 \ 1 \ 2 \ 0 \\
 \hline
 5 \ 8 \ 8 \ 8
 \end{array}$$

Okay! now just add them up.

$$\begin{array}{r}
 1 \ 6 \ 2 \\
 \times 2 \ 2 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 1 \ 7 \ 9 \\
 \times 2 \ 8 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 2 \ 3 \ 6 \\
 \times 3 \ 5 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 1 \ 4 \ 8 \\
 \times 1 \ 9 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 3 \ 4 \ 8 \\
 \times 3 \ 4 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

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

 \end{array}$$

$$\begin{array}{r}
 3 \ 5 \ 6 \\
 \times 4 \ 5 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 1 \ 1 \ 1 \\
 \times 2 \ 1 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

$$\begin{array}{r}
 5 \ 4 \ 6 \\
 \times 8 \ 2 \\
 \hline
 \\
 \hline
 \\
 \hline

 \end{array}$$

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

 \end{array}$$