

Name: _____

MULTIPLYING BY 1 DIGIT WITH STANDARD ALGORITHM

GUIDED PRACTICE

Expanded Algorithm	Standard Algorithm
514×3	514×3
6×253	6×253

What do you notice that is the same? What is different? _____

Complete each problem below using standard algorithm.

1. 86×4

2. 2×956

3. 651×7

4. 95×3

5. 8×132

6. 4×695

Name: _____

MULTIPLYING BY 1 DIGIT WITH STANDARD ALGORITHM

GUIDED PRACTICE

Expanded Algorithm stretched \downarrow math	Standard Algorithm regular \downarrow math
<p style="text-align: center;">514×3</p> $\begin{array}{r} 514 \\ \times 3 \\ \hline 12 \\ 30 \\ + 1500 \\ \hline 1,542 \end{array}$ <p style="text-align: right;">3×4 3×10 3×500</p>	<p style="text-align: center;">514×3</p> $\begin{array}{r} 514 \\ \times 3 \\ \hline 1,542 \end{array}$
<p style="text-align: center;">6×253</p> $\begin{array}{r} 253 \\ \times 6 \\ \hline 18 \\ 300 \\ + 1200 \\ \hline 1,518 \end{array}$ <p style="text-align: right;">6×3 6×50 6×200</p>	<p style="text-align: center;">6×253</p> $\begin{array}{r} 31 \\ 253 \\ \times 6 \\ \hline 1,518 \end{array}$

What do you notice that is the same? What is different? _____

Complete each problem below using standard algorithm.

1. 86×4

$$\begin{array}{r} 2 \\ 86 \\ \times 4 \\ \hline 344 \end{array}$$

2. 2×956

$$\begin{array}{r} 1 \quad 1 \\ 956 \\ \times 2 \\ \hline 1912 \end{array}$$

3. 651×7

$$\begin{array}{r} 3 \\ 651 \\ \times 7 \\ \hline 4557 \end{array}$$

4. 95×3

$$\begin{array}{r} 1 \\ 95 \\ \times 3 \\ \hline 285 \end{array}$$

5. 8×132

$$\begin{array}{r} 2 \quad 1 \\ 132 \\ \times 8 \\ \hline 1056 \end{array}$$

6. 4×695

$$\begin{array}{r} 3 \quad 2 \\ 695 \\ \times 4 \\ \hline 2780 \end{array}$$

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