

Multiply Three Digits

Name _____

Date _____

Multiply: 3×213 First estimate: $3 \times 200 = 600$

Multiply the ones.

$$\begin{array}{r} 213 \\ \times 3 \\ \hline 9 \end{array}$$

Multiply the tens.

$$\begin{array}{r} 213 \\ \times 3 \\ \hline 39 \end{array}$$

Multiply the hundreds.

$$\begin{array}{r} 213 \\ \times 3 \\ \hline 639 \end{array}$$

Use rounding to estimate. Then multiply.

1.
$$\begin{array}{r} 231 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 331 \\ \times 2 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 212 \\ \times 4 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 112 \\ \times 4 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 113 \\ \times 3 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 202 \\ \times 3 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 101 \\ \times 8 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 324 \\ \times 2 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 222 \\ \times 2 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 133 \\ \times 3 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 111 \\ \times 7 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 402 \\ \times 2 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 200 \\ \times 2 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 101 \\ \times 9 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 413 \\ \times 2 \\ \hline \end{array}$$

Multiply.

16.
$$\begin{array}{r} 2321 \\ \times 3 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 4134 \\ \times 2 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 2212 \\ \times 4 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 4334 \\ \times 2 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 1323 \\ \times 3 \\ \hline \end{array}$$

Problem Solving

21. Ms. Diaz ordered supplies for the Lakeview School. She ordered 4 boxes of pencils. Each box held 120 pencils. How many pencils did she order? _____

22. Ms. Diaz ordered craft sticks. She ordered 320 craft sticks for each of 2 classrooms. How many craft sticks did she order altogether? _____