

Name \_\_\_\_\_

Date \_\_\_\_\_

## Multiplication 2 Digit (In Grid)- Guided Lesson Explanation

### Explanation#1

First we multiply 4 by 7. So we get 28. We carry the 2 to the tens place.

$$\begin{array}{r} 2 \\ 57 \end{array}$$
$$\begin{array}{r} x4 \\ \hline \end{array}$$

8

then we multiply 4 by 5. So we get 20 and add 2.

57

$$\begin{array}{r} x4 \\ \hline \end{array}$$

228

Answer is 228.

### Explanation#2

First we multiply 5 by 9. So we get 45. We carry the 4 to the tens place.

$$\begin{array}{r} 4 \\ 89 \end{array}$$
$$\begin{array}{r} x 35 \\ \hline \end{array}$$

5

then we multiply 5 by 8. So we get 40 and add 4 to the result.

89

$$\begin{array}{r} x 35 \\ \hline \end{array}$$

445



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then we multiply 3 by 9. So we get 27. We carry the 2 to the tens place.

$$\begin{array}{r} 2 \\ 89 \end{array}$$
$$\begin{array}{r} x 35 \\ \hline \end{array}$$

445

7x

then we multiply 3 by 8. So we get 24 and add 2.

89

$$\begin{array}{r} x 35 \\ \hline \end{array}$$

445

267x      The 3 is at the tens place, so we place an x to represent the tens.

3115      We add all the products to find the total.

### Explanation#3

First we multiply 3 by 4. So we get 2 and 1 is carried to the tens.

$$\begin{array}{r} 1 \\ 54 \end{array}$$
$$\begin{array}{r} x3 \\ \hline \end{array}$$

2

then we multiply 3 by 5. So we get 15 and add 1.

54

$$\begin{array}{r} x3 \\ \hline \end{array}$$

162

Answer is 162.

