

Name _____

Date _____

Multiplying Single Digits by Multiples of 10 Guided Lesson Explanation

Explanation to #1

Step 1a) Identify what is being asked of you.

Multiply 70

X 3

Step 2a) First we multiply 3 into the ones value "0". We will get 0.

We write the 0 in the ones place of our answer. ____0

Second we multiply 3 into the tens value "7". We will get 21.

So the answer will be:

70

X 3

210

Step 2b) First we look to see what is being asked of us.

Multiply 40 X 8

Step 2b) First we multiply 8 into the ones value "0". We will get 0. We write that value in the ones value. _____0

Second we multiply 8 into the tens value "4". We will get 32.

So the answer will be

$$40 \times 8 = \underline{320}$$



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Explanation to #2

Step 1a) Identify what is being asked of you.

Multiply 60

$$\begin{array}{r} \times 7 \\ \hline \end{array}$$

Step 2a) First we multiply 7 into the ones value "0". We will get 0. We write that value in the ones value. _____0

Second we multiply 7 into the tens value "6". We will get 42.

So the answer will be:

$$\begin{array}{r} 60 \\ \times 7 \\ \hline 420 \end{array}$$

Step 1b) First we look to see what is being asked of us.

Multiply 20 X 4

Step 2b) First we multiply 4 into the ones value "0". We will get 0. We write that value in the ones value. _____0

Second we multiply 4 into the ones value "2". We will get 8.

So the answer will be

$$20 \times 4 = \underline{80}$$



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Explanation to #3

Step 1a) Identify what is being asked of you.

Multiply 80

X 5

Step 2a) First we multiply 5 into the ones value "0". We will get 0. We write that value in the ones value. _____0

Second we multiply 5 into the tens value "8". We will get 400.

So the answer will be:

80

X 5

400

Step 1b) First we look to see what is being asked of us.

Multiply 10 X 6

Step 2b) First we multiply 6 into the ones value "0". We will get 0. We write that value in the ones value. _____0

Second we multiply 6 into the ones value "1". We will get 6.

So the answer will be

10 X 6 = 60

