

G4-M3-Lesson 5

1. $2 \times 4,000 = \underline{8,000}$
 2 times 4 thousands is 8 thousands.

I draw 2 groups of 4 thousands and circle each group. I see a pattern! 2 groups of 4 units is 8 units.

thousands	hundreds	tens	ones
● ● ● ●			
● ● ● ●			

$$\begin{array}{r} 4,000 \\ \times \quad 2 \\ \hline 8,000 \end{array}$$

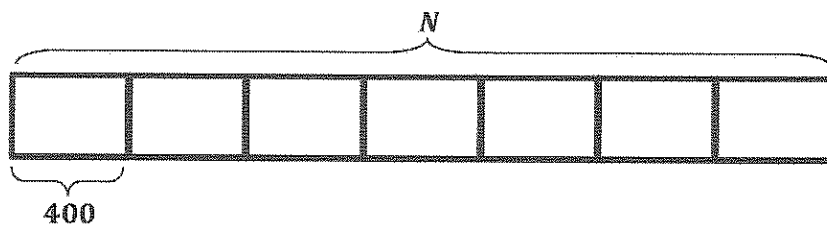
$2 \times 4 \text{ thousands} = 8 \text{ thousands}$

Writing the equation in unit form helps me when one of the factors is a multiple of 10.

2. Find the product.

a. $4 \times 70 = 280$ $4 \times 7 \text{ tens} = 28 \text{ tens}$	b. $4 \times 60 = 240$ $4 \times 6 \text{ tens} = 24 \text{ tens}$	c. $4 \times 500 = 2,000$ $4 \times 5 \text{ hundreds} = 20 \text{ hundreds}$	d. $6,000 \times 5 = 30,000$ $6 \text{ thousands} \times 5 = 30 \text{ thousands}$
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3. At the school cafeteria, each student who orders lunch gets 7 chicken nuggets. The cafeteria staff prepares enough for 400 kids. How many chicken nuggets does the cafeteria staff prepare altogether?



$$\begin{aligned} N &= 7 \times 400 \\ N &= 7 \times (4 \times 100) \\ N &= (7 \times 4) \times 100 \\ N &= 28 \times 100 \\ N &= 2,800 \end{aligned}$$

The staff prepares 2,800 chicken nuggets.

I can decompose 400 into 4×100 to unveil an easy fact (7×4). Or I can use unit form to solve. 7 times 4 hundreds is 28 hundreds.