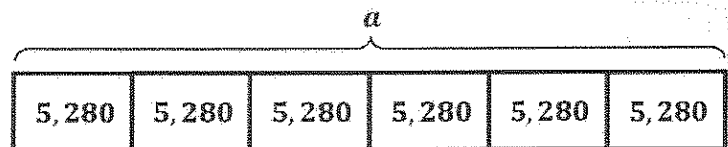
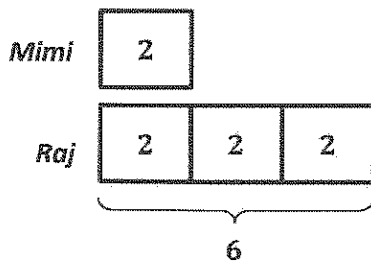


G4-M3-Lesson 10

1. Solve using the standard algorithm.

<p>a. 2×52</p> $\begin{array}{r} 52 \\ \times 2 \\ \hline 104 \end{array}$	<p>b. 7×52</p> $\begin{array}{r} 52 \\ \times 7 \\ \hline 364 \end{array}$ <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: fit-content; margin-left: 20px;"> <p>I cross out the 1 ten on the line because I've added it to the 35 tens.</p> </div>
<p>c. 4×163</p> $\begin{array}{r} 163 \\ \times 4 \\ \hline 652 \end{array}$ <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: fit-content; margin-left: 20px;"> <p>In contrast to the partial products method, I add as I solve, recording the product in a single line.</p> </div>	<p>d. $8 \times 4,861$</p> $\begin{array}{r} 4,861 \\ \times 8 \\ \hline 38,888 \end{array}$ <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: fit-content; margin-left: 20px;"> <p>I use unit language to multiply. Eight times 4 thousands is 32 thousands. I add 6 more thousands to make 38 thousands, or 3 ten thousands 8 thousands.</p> </div>

2. Mimi ran 2 miles. Raj ran 3 times as far. There are 5,280 feet in a mile. How many feet did Raj run?



I can choose to solve using a place value chart or using partial products. But using the algorithm is most efficient for me.

$$a = 5,280 \times 6$$

$$a = 31,680$$

$$\begin{array}{r} 5,280 \\ \times 6 \\ \hline 31,680 \end{array}$$

Raj ran 31,680 feet.