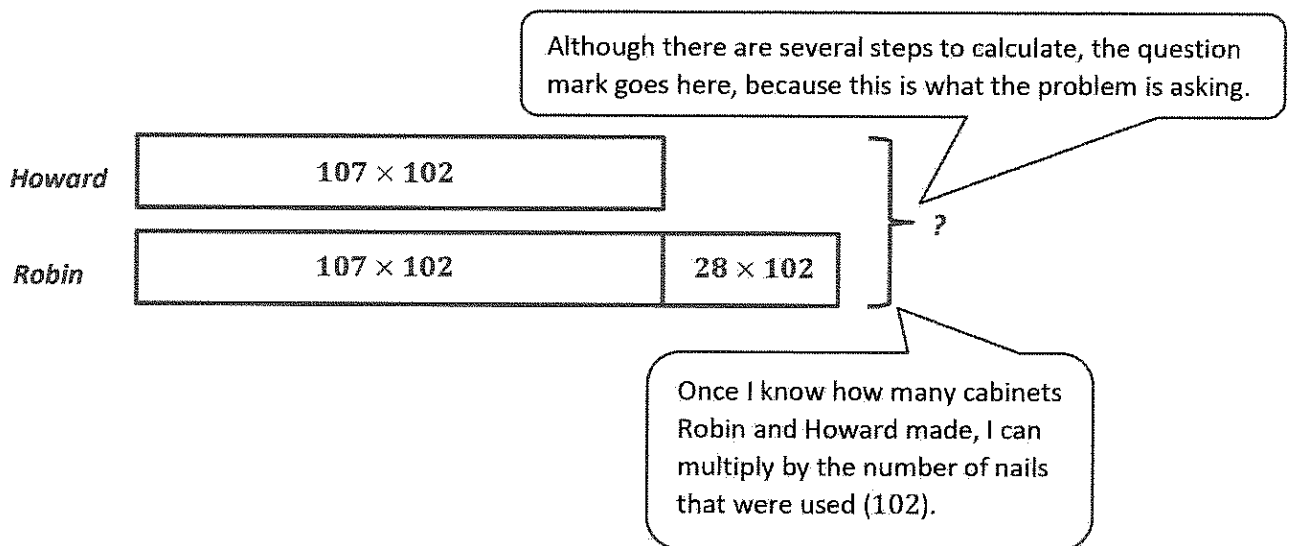


## G5-M2-Lesson 9

Solve.

1. Howard and Robin are both cabinet makers. Over the last year, Howard made 107 cabinets. Robin made 28 more cabinets than Howard. Each cabinet they make has exactly 102 nails in it. How many nails did they use altogether while making the cabinets?



Howard:

$$\begin{array}{r}
 107 \\
 \times 102 \\
 \hline
 214 \\
 + 10700 \\
 \hline
 10,914
 \end{array}$$

Robin:  $107 + 28 = 135$ 

$$\begin{array}{r}
 135 \\
 \times 102 \\
 \hline
 270 \\
 + 13500 \\
 \hline
 13,770
 \end{array}$$

$$\begin{array}{r}
 10,914 \\
 + 13,770 \\
 \hline
 24,684
 \end{array}$$

Together they used 24,684 nails.

9 hundreds plus 7 hundreds is equal to 16 hundreds. I'll record 1 in the thousands place and write 6 in the hundreds place.