

Bowtie:

$$83 \times 14$$

80 + 3
~~1~~
x 10 + 4

← makes a bowtie at the end.

12	(4 × 3)
320	(4 × 80)
30	(10 × 3)
+ 800	(10 × 80)
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(1,162)	

$$42 \times 89$$

$$\begin{array}{r} 40 + 2 \\ \times 80 + 9 \\ \hline 360 \\ 160 \\ + 3200 \\ \hline \textcircled{3,738} \end{array}$$

$$67 \times 32$$

$$\begin{array}{r} 60 + 7 \\ \times 30 + 2 \\ \hline 14 \\ 120 \\ 210 \\ + 1800 \\ \hline 2,144 \end{array}$$