

2.3.2 Using Generic Rectangles

Essential Question: How will I use generic rectangles to multiply multi-digit numbers?

BIG IDEAS:
generic rectangle

a type of diagram used to visualize multiplying expressions

$$67 \cdot 46 = (60 + 7)(40 + 6)$$

	60	7
40	2400	280
6	360	42

$$2400 + 280 + 360 + 42$$

$$\begin{array}{r} 2400 \\ 280 \\ 360 \\ + 42 \\ \hline 3082 \end{array}$$