




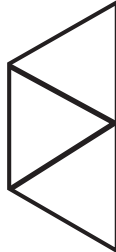
Adding & Subtracting with Pattern Blocks

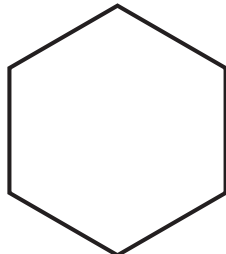

Use the power of  and the Magic Box. 

$$\frac{1}{2} + \frac{1}{4}$$

 $+$

 $=$

Rename

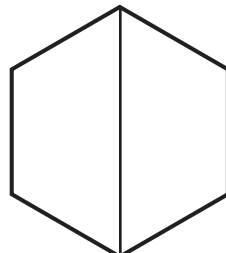

$$\frac{1}{2} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \frac{1}{4}$$

$$\frac{1}{4} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \frac{1}{4}$$

 $+$

 $=$

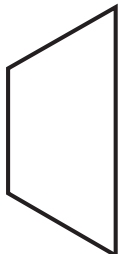
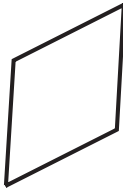
$$\frac{1}{6} + \frac{1}{4}$$

 $+$

 $=$

Rename

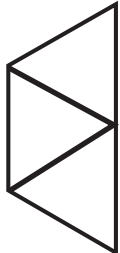
$$\frac{1}{6} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \frac{2}{12}$$


$$\frac{1}{4} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} = \frac{3}{12}$$

 $+$

 $=$

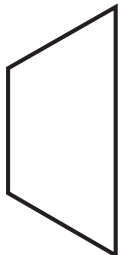
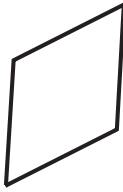
Use the power of  and the Magic Box. 

$$\frac{1}{2} + \frac{1}{3}$$

 $+$

 $=$

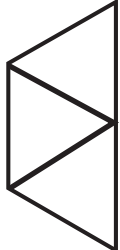
Rename


$$\frac{1}{2} \frac{\square}{\square} = \frac{3}{6}$$

 $+$

$$\frac{1}{3} \frac{\square}{\square} = \frac{2}{6}$$

 $=$

$$\frac{1}{2} - \frac{1}{3}$$

 $-$

 $=$

Rename

$$\frac{1}{2} \frac{\square}{\square} = \frac{3}{6}$$

 $+$

$$\frac{1}{3} \frac{\square}{\square} = \frac{2}{6}$$

 $=$