

Create Equivalent Fractions to Add Unlike Fractions

Materials: fraction kits (optional)

Solve the following problems. Use rectangular fraction models to show how to convert to fractions with a common denominator.

A) $\frac{3}{6} + \frac{1}{3}$

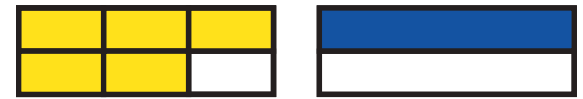
B) $\frac{1}{2} + \frac{3}{8}$

C) $\frac{1}{3} + \frac{2}{9}$

D) $\frac{2}{3} + \frac{1}{4}$

E) $\frac{3}{5} + \frac{1}{3}$

Example: Find the sum of $\frac{5}{6} + \frac{1}{2}$

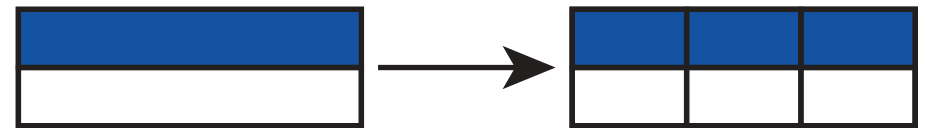


$$\frac{5}{6} + \frac{1}{2}$$

1. Represent the problem using rectangular fraction models.

2. Rename one or both fractions so that the units are the same. Think of a way to partition the rectangles into the same number of pieces.

I know that $\frac{1}{2} = \frac{3}{6}$



$\frac{1}{2}$ is equivalent to $\frac{3}{6}$

3. Add the fractions. Simplify if possible.



$$\frac{5}{6} + \frac{3}{6} = \frac{8}{6}$$



$$\frac{5}{6} + \frac{3}{6} = \frac{8}{6} = 1\frac{2}{6}$$