



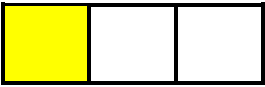
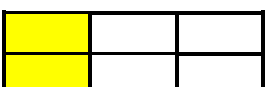

Create Equivalent Fractions to Subtract Unlike Fractions

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

a) $\frac{4}{6} - \frac{1}{3}$ b) $\frac{3}{4} - \frac{2}{8}$ c) $\frac{3}{5} - \frac{2}{3}$ d) $\frac{1}{3} - \frac{1}{4}$ e) $\frac{5}{6} - \frac{1}{4}$

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

1. 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 $\frac{1}{2} = \frac{3}{6}$ |  | → |  | $\frac{1}{2} = \frac{3}{6}$ |
| I know that $\frac{1}{3} = \frac{2}{6}$ |  | → |  | $\frac{1}{3} = \frac{2}{6}$ |
| | | | | $\frac{3}{6} - \frac{2}{6} = \frac{1}{6}$ |
| | | | |  |

2. Find the difference. Simplify if possible.