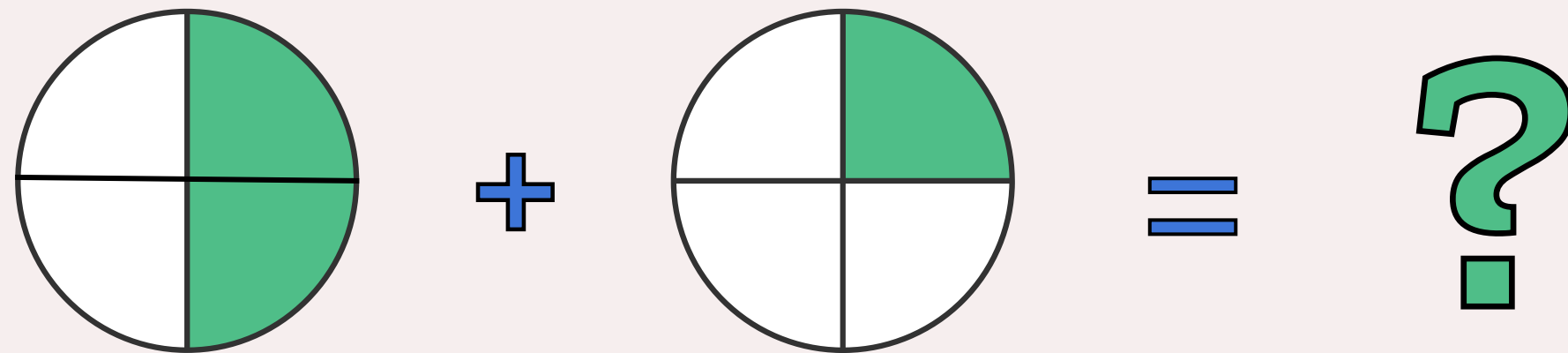


Year 5

Adding and Subtracting Fractions


$$\frac{2}{4} + \frac{2}{4} = ?$$

Learning Objectives

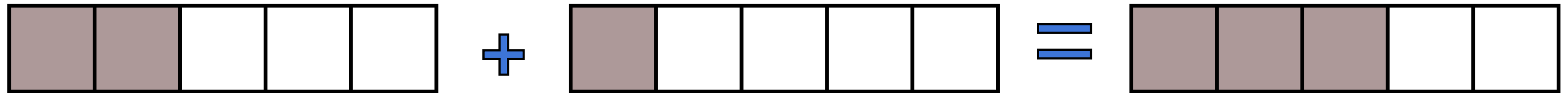
* Add and subtract fractions with the same denominator

* Add fractions to mixed numbers

* Subtract fractions from a whole

Adding Fractions

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



1. Add the numerators
2. The denominators stay the same

Now try these:

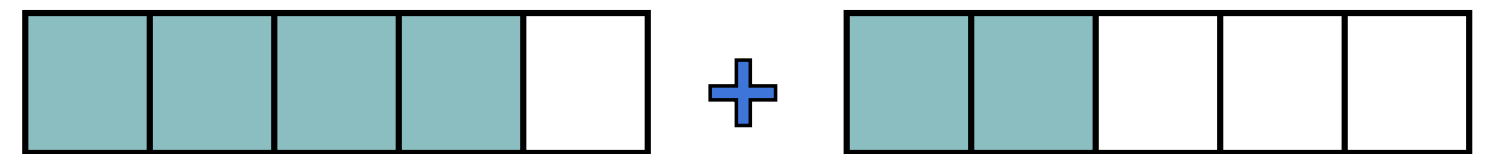
①

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$



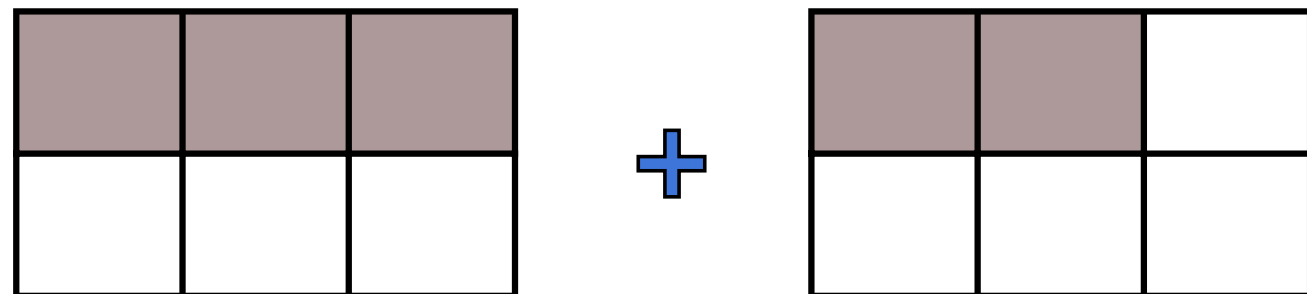
③

$$\frac{4}{5} + \frac{2}{5} = \frac{6}{5} = 1\frac{1}{5}$$



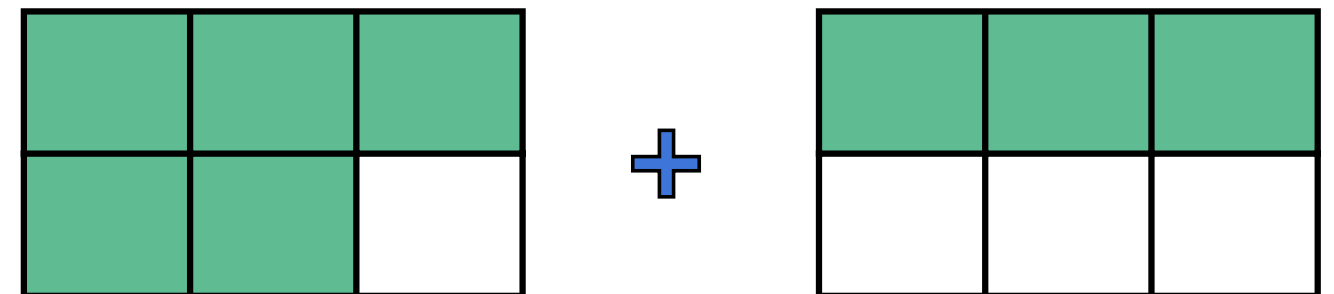
②

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



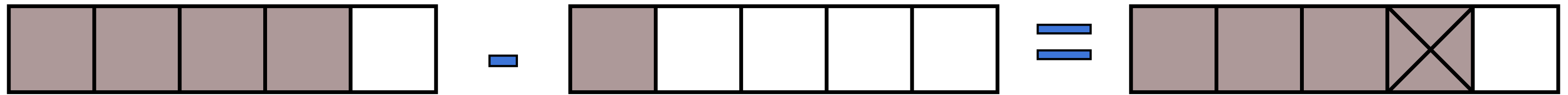
④

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



Subtracting Fractions

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$$

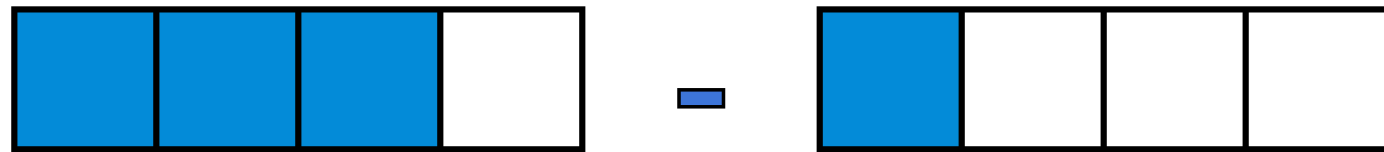


1. Subtract the numerators
2. The denominators stay the same

Now try these:

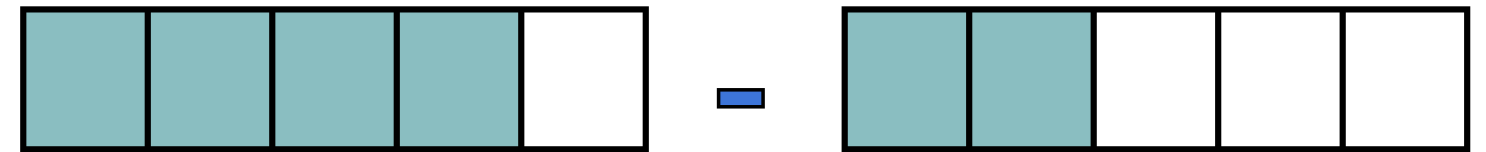
①

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$$



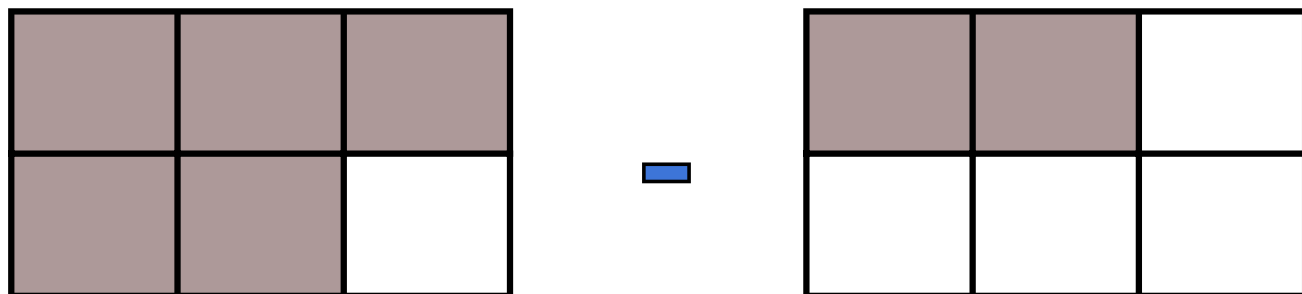
③

$$\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$$



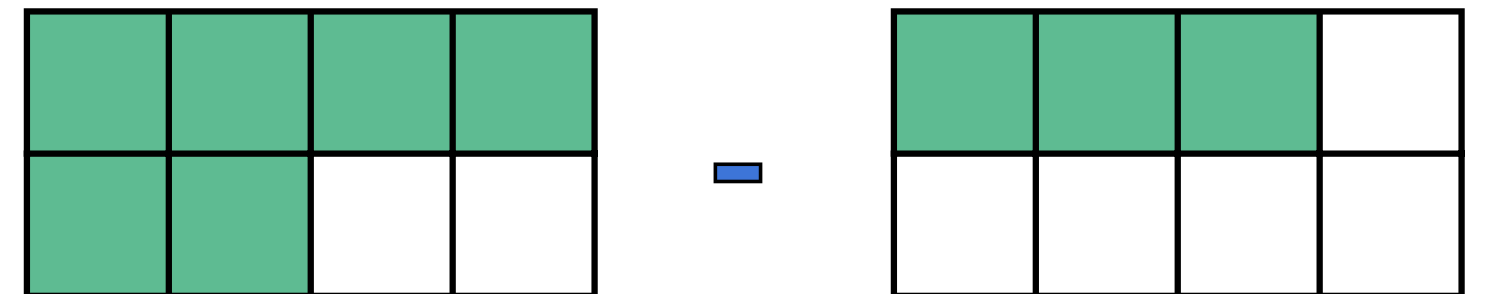
②

$$\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$$

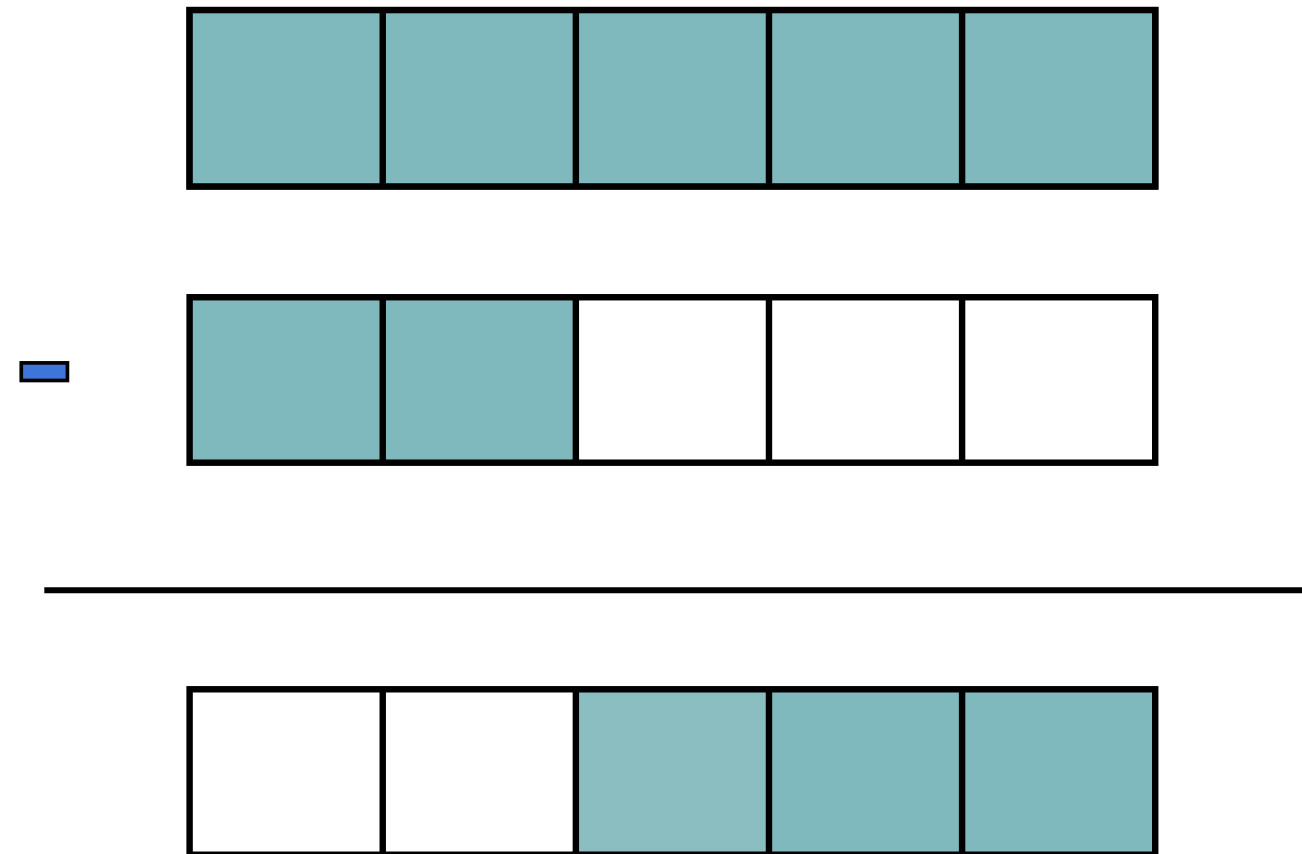


④

$$\frac{6}{8} - \frac{3}{8} = \frac{3}{8}$$



Subtracting from a Whole



$$1 - \frac{2}{5} =$$

$$\frac{5}{5} - \frac{2}{5} = \frac{3}{5}$$

1. Convert the whole into a fraction
2. Subtract the numerators
3. The denominator stays the same

Practice Questions

Complete these questions, leaving your answer as a mixed number if possible

① $\frac{4}{9} + \frac{2}{9} =$

④ $\frac{8}{9} - \frac{5}{9} =$

② $\frac{6}{7} + \frac{3}{7} =$

⑤ $\frac{9}{7} - \frac{3}{7} - \frac{2}{7} =$

③ $\frac{5}{8} + \frac{3}{8} + \frac{4}{8} =$

⑥ $1 - \frac{3}{4} =$

Answer Key

Complete these questions, leaving your answer as a mixed number if possible

$$\textcircled{1} \quad \frac{4}{9} + \frac{2}{9} = \frac{6}{9}$$

$$\textcircled{4} \quad \frac{8}{9} - \frac{5}{9} = \frac{3}{9}$$

$$\textcircled{2} \quad \frac{6}{7} + \frac{3}{7} = \frac{9}{7} = 1\frac{2}{7}$$

$$\textcircled{5} \quad \frac{9}{7} - \frac{3}{7} - \frac{2}{7} = \frac{5}{7}$$

$$\textcircled{3} \quad \frac{5}{8} + \frac{3}{8} + \frac{4}{8} = \frac{12}{8} = 1\frac{4}{8}$$

$$\textcircled{6} \quad 1 - \frac{3}{4} = \frac{1}{4}$$