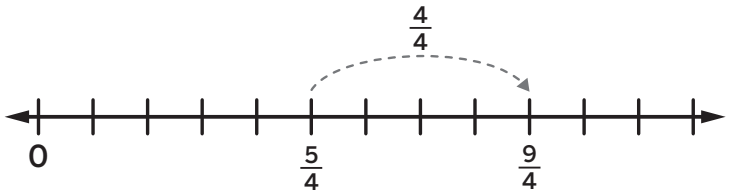
In this sub-unit . . .

- We used objects and models to represent and solve addition and subtraction of fractions with the same denominator.

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

- We added and subtracted fractions with the same denominator and represented the operations on number lines.

$$\frac{5}{4} + \frac{4}{4} = \frac{9}{4}$$



Math tip: To add and subtract fractions with the same denominator, add or subtract the numerators and the denominator will stay the same.

- We saw that decomposing fractions can be helpful to add or subtract fractions, **mixed numbers**, and whole numbers.

$$9\frac{2}{8} - \frac{6}{8}$$

$$9\frac{2}{8} = 8\frac{10}{8}$$

$$8\frac{10}{8} - \frac{6}{8} = 8\frac{4}{8}$$