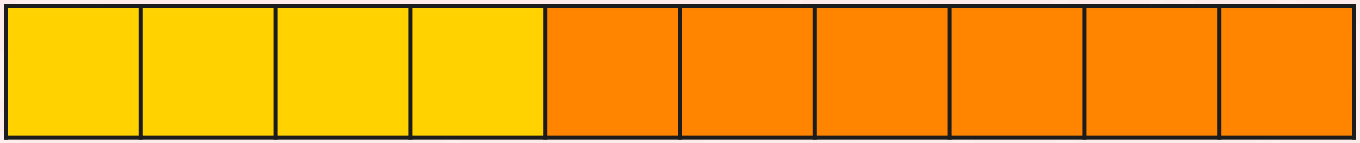
Subtracting Fractions

Fraction Blocks



What type of fraction is shown by the fraction block?

What addition calculations could the fraction block represent?

$$\frac{4}{10} + \frac{6}{10} = \frac{10}{10}$$

$$\frac{6}{10} + \frac{4}{10} = \frac{10}{10}$$

What subtraction calculations could the fraction block represent?

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

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

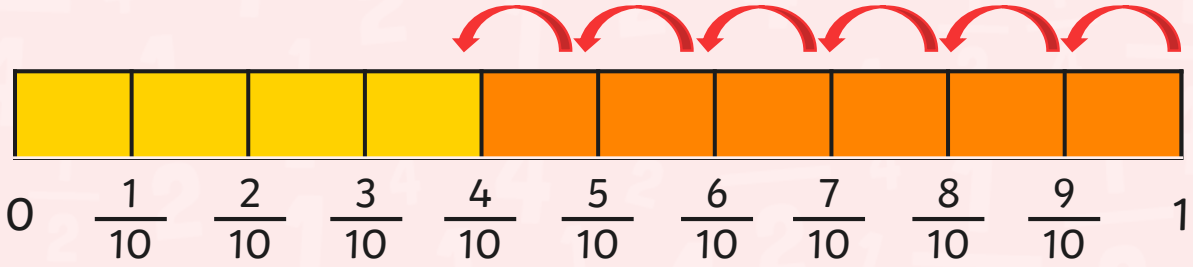
What do you notice about the numerators?

What do you notice about the denominators?

Number Lines

We can also show this subtraction on a number line.

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



What would the number line for $\frac{10}{10} - \frac{4}{10}$ look like?