

Adding and Subtracting Fractions

Different Denominators

- must find a common denominator

ex. 1

$$\frac{6}{7} - \frac{2}{3}$$

① easiest way to find a common denominator is to just multiply the denominators together

$$\frac{6}{7} \times \frac{3}{3} = \frac{18}{21}$$

$$- \frac{2}{3} \times \frac{7}{7} = \frac{14}{21}$$

all this to make the denominators the same

② Subtract the numerators

$$\frac{4}{21}$$

Simplify

$$\boxed{\frac{4}{21}}$$