

# Adding Fractions & Subtracting

10-10-17

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

① need a common denominator when adding fractions

$$\textcircled{2} \quad \frac{1 \cdot 9}{2 \cdot 9} + \frac{5 \cdot 2}{9 \cdot 2}$$

$$\frac{9}{18} + \frac{10}{18} = \frac{19}{18}$$

② add the numerators

$$\textcircled{3} \quad -\frac{1 \cdot 9}{2 \cdot 9} + \frac{5 \cdot 2}{9 \cdot 2}$$

$$\frac{-9}{18} + \frac{10}{18} = \frac{1}{18}$$

③ leave the denominator alone / same

$$\textcircled{4} \quad -\frac{1 \cdot 5}{3 \cdot 5} + \frac{-1 \cdot 3}{5 \cdot 3}$$

$$\frac{-5}{15} + \frac{-3}{15} = \frac{-8}{15}$$