

Subtracting Mixed Numbers

ex. 1 $6\frac{7}{8} - 3\frac{3}{8}$

$$6\frac{7}{8}$$

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

$$3\frac{4}{8} \rightarrow \boxed{3\frac{1}{2}}$$

① Subtract like fractions
(subtract numerators)

② Subtract whole #'s

③ Simplify

ex. 2 $5\frac{3}{8} - 2\frac{4}{8}$

$$5\frac{3}{8} \rightarrow 4\frac{11}{8}$$

$$- 2\frac{4}{8} \rightarrow 2\frac{4}{8}$$

$$\boxed{2\frac{7}{8}}$$

① Regroup top fraction for
subtracting ("Borrow")

② Subtract like fractions

③ Subtract whole #'s

④ Simplify

ex. 3 $4\frac{5}{7} - 2\frac{2}{4}$

$$4\frac{5}{7} \times \frac{4}{4} = \frac{20}{28}$$

$$- 2\frac{2}{4} \times \frac{7}{7} = \frac{14}{28}$$

$$2\frac{6}{28}$$

$$\boxed{2\frac{3}{14}}$$

① Find common denominator

② Subtract like fractions

③ Subtract whole #'s

④ Simplify