

SEPT 16

## SUBTRACTION OF RATIONAL NUMBERS

$$4 - 2 = 2$$

$$2 - 7 = -5$$



$$2 + (-7) = -5 \quad \text{ADDING THE OPPOSITE}$$

$$\frac{3}{4} - \frac{1}{4} = \frac{3-1}{4} = \frac{2}{4} = \frac{1}{2}$$

$$\frac{1}{4} - \frac{3}{4} = \frac{1}{4} + \left(-\frac{3}{4}\right) = \frac{-2}{4} = -\frac{1}{2}$$

$$\frac{5}{6} - \left(-\frac{1}{2}\right) = \frac{5}{6} + \frac{1}{2} = \frac{5}{6} + \frac{3}{6} = \frac{8}{6} = \frac{4}{3}$$

$$-\frac{5}{4} - \left(-3\frac{1}{5}\right) = -\frac{5}{4} + 3\frac{1}{5}$$

$$-\frac{5}{4} + \frac{16}{5} = -\frac{25}{20} + \frac{64}{20} = \frac{39}{20}$$

$$1 \text{ } \underline{19} \text{ } 20 = 1 \frac{19}{20}$$

Pg 119-120 Q# 3-9, 13, 15