

NCERT Exemplar Solutions by Dev Anoop (Bathinda)

78. false, let $x = \frac{3}{4}$, $y = \frac{1}{4}$
 $x - y = \frac{2}{4}$, $y - x = -\frac{2}{4}$
 $x - y \neq y - x$
79. false
 $-\frac{3}{4} - (-2)$
 $= -\frac{3}{4} + 2$
 $= \frac{-3+8}{4}$
 $= \frac{5}{4} \therefore -\frac{3}{4} > -2$
80. true
 $0 = \frac{0}{1}$ which is of the form $\frac{p}{q}$ where $p, q \in \mathbb{Z}$ and $q \neq 0$
81. false
 $1001 > 1000$ is a +ve rat. no.
82. true
 whole no = whole no.
 which is of the form $\frac{p}{q}$ where $p, q \in \mathbb{Z}$ and $q \neq 0$
83. true
 between any 2 rational nos we have infinite many rat. no.