

$$8 \text{ (i)} \quad -\frac{5}{7} < \frac{2}{3} \quad [+ve \text{ no.} > -ve \text{ no.}]$$

$$\text{(ii)} \quad -\frac{4}{5}, -\frac{5}{7}$$

$$= -\frac{28}{35}, -\frac{25}{35}$$

$$\therefore -25 > -28$$

$$\therefore -\frac{4}{5} < -\frac{5}{7}$$

$$\text{(iii)} \quad -\frac{7}{8}, \frac{14}{-16}$$

$$= -\frac{7}{8}, -\frac{14}{16}$$

$$= \frac{-14}{16}, \frac{-14}{16}$$

$$\therefore -14 = -14$$

$$\therefore -\frac{7}{8} = \frac{14}{-16}$$

$$8 \text{ (iv)} \quad -\frac{8}{5}, -\frac{7}{4}$$

$$= \frac{-32}{20}, \frac{-35}{20}$$

$$-\frac{8}{5} > -\frac{7}{4} \quad [\because -32 > -35]$$