

$$10 \text{ (ii)} \quad \frac{1}{3}, -\frac{2}{9}, -\frac{4}{3}$$

$$= \frac{3}{9}, \frac{-2}{9}, \frac{-12}{9}$$

$$= -\frac{4}{3} < -\frac{2}{9} < \frac{1}{3} \quad [\because -4 < -2 < 1]$$

$$10 \text{ (iii)} \quad -\frac{3}{7}, -\frac{3}{2}, -\frac{3}{4}$$

$$= \frac{-12}{28}, \frac{-42}{28}, \frac{-21}{28}$$

$$\therefore -\frac{3}{2} < -\frac{3}{4} < -\frac{3}{7} \quad [ \because -42 < -21 < -12 ]$$

or

$$-\frac{3}{2} < -\frac{3}{4} < -\frac{3}{7} \quad [ \text{here numerators} \\ \text{are equal and nos} \\ \text{are -ve} ]$$

$\therefore$  no. with smaller denominator is smaller]