

$$3 \text{ (ii) } LHS = -(-x)$$

$$\text{Put } x = -\frac{13}{17}$$

$$= -\left[-\left(-\frac{13}{17}\right)\right]$$

$$= -\left[\frac{13}{17}\right]$$

$$= -\frac{13}{17}$$

$$RHS = x$$

$$= -\frac{13}{17}$$

$$\therefore LHS = RHS$$

$$4 \text{ (i) } \text{ Multiplicative inverse of } -13 = -\frac{1}{13}$$

$$\text{(ii) Multiplicative inverse of } -\frac{13}{9} = -\frac{9}{13}$$

$$\text{(iii) Multiplicative inverse of } \frac{1}{5} = 5$$

$$\text{(iv) Multiplicative inverse of } \frac{5}{8} \times -\frac{3}{7}$$

$$\text{or } \frac{15}{56}$$

$$= \frac{56}{15}$$

$$\text{(v) Multiplicative inverse of } -1 \times -\frac{2}{5}$$

$$\text{or } \frac{2}{5} = \frac{5}{2}$$

$$\text{(vi) Multiplicative inverse of } -1 = -1$$