

$$108.i \quad x=7, \quad y=\frac{1}{2}$$

$$\text{LHS} = x \times y$$

$$= 7 \times \frac{1}{2}$$

$$= \frac{7}{2}$$

$$\text{RHS} = y \times x$$

$$= \frac{1}{2} \times 7$$

$$= \frac{7}{2}$$

$$\therefore x \times y = y \times x$$

$$108(ii) \quad x = \frac{2}{3}, \quad y = \frac{9}{4}$$

$$\text{LHS} = x \times y$$

$$= \frac{2}{3} \times \frac{9}{4}$$

$$= \frac{3}{2}$$

$$\text{RHS} = y \times x$$

$$= \frac{9}{4} \times \frac{2}{3}$$

$$= \frac{3}{2}$$

$$\therefore x \times y = y \times x$$

$$108(iii) \quad x = -\frac{5}{7}, \quad y = \frac{14}{15}$$

$$x \times y = -\frac{5}{7} \times \frac{14}{15}$$

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

$$y \times x = \frac{14}{15} \times -\frac{5}{7}$$

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

$$\therefore x \times y = y \times x$$

$$108(iv) \quad x = -\frac{3}{8}, \quad y = -\frac{4}{9}$$

$$x \times y = -\frac{3}{8} \times -\frac{4}{9}$$

$$= \frac{1}{6}$$

$$y \times x = -\frac{4}{9} \times -\frac{3}{8}$$

$$= \frac{1}{6}$$

$$\therefore x \times y = y \times x$$