

Calculate the following.

① $1\frac{1}{8} \div 2\frac{1}{4}$ ② $3\frac{1}{3} \div 2\frac{7}{9}$

① $1\frac{1}{8} \div 2\frac{1}{4}$

8 in each whole number
 $8 \times 1 = 8$
 $8 + 1 = 9$

4 in each whole number
 $4 \times 2 = 8$
 $8 + 1 = 9$

$$= \frac{9}{8} \div \frac{9}{4}$$

$$= \frac{\cancel{9}^1}{\cancel{8}_2} \times \frac{\cancel{4}^1}{\cancel{9}_1}$$

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

② $3\frac{1}{3} \div 2\frac{7}{9}$

3 in each whole number
 $3 \times 3 = 9$
 $9 + 1 = 10$

9 in each whole number
 $9 \times 2 = 18$
 $18 + 7 = 25$

$$= \frac{10}{3} \div \frac{25}{9}$$

$$= \frac{\cancel{10}^2}{\cancel{3}_1} \times \frac{\cancel{9}^3}{\cancel{25}_5}$$

$$= \frac{6}{5}$$

$$= 1\frac{1}{5}$$

$$5 \overline{)6}^1 \frac{1}{5}$$