

$$(1) \frac{2}{5} \div \frac{2}{5} =$$

$$(5) \frac{1}{6} \div \frac{2}{3} =$$

$$(2) \frac{1}{8} \div \frac{2}{3} =$$

$$(6) \frac{1}{7} \div \frac{4}{7} =$$

$$(3) \frac{1}{2} \div \frac{1}{4} =$$

$$(7) \frac{1}{8} \div \frac{5}{8} =$$

$$(4) \frac{5}{7} \div \frac{7}{8} =$$

$$(8) \frac{4}{9} \div \frac{5}{9} =$$

$$(1) \frac{2}{5} \div \frac{2}{5} = \frac{\cancel{2}^1}{\cancel{5}_1} \times \frac{\cancel{5}^1}{\cancel{2}_1}$$

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

$$= 1$$

$$(5) \frac{1}{6} \div \frac{2}{3} = \frac{1}{\cancel{6}_2} \times \frac{\cancel{3}^1}{2}$$

$$= \frac{1}{4}$$

$$(2) \frac{1}{8} \div \frac{2}{3} = \frac{1}{8} \times \frac{3}{2}$$

$$= \frac{3}{16}$$

$$(6) \frac{1}{7} \div \frac{4}{7} = \frac{1}{\cancel{7}_1} \times \frac{\cancel{7}^1}{4}$$

$$= \frac{1}{4}$$

$$(3) \frac{1}{2} \div \frac{1}{4} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{4}^2}{1}$$

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

$$= 2$$

$$(7) \frac{1}{8} \div \frac{5}{8} = \frac{1}{\cancel{8}_1} \times \frac{\cancel{8}^1}{5}$$

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

$$(4) \frac{5}{7} \div \frac{7}{8} = \frac{5}{7} \times \frac{8}{7}$$

$$= \frac{40}{49}$$

$$(8) \frac{4}{9} \div \frac{5}{9} = \frac{4}{\cancel{9}_1} \times \frac{\cancel{9}^1}{5}$$

$$= \frac{4}{5}$$