

$$b. \frac{3}{5} \div \frac{2}{5} = \frac{5}{2} \times \frac{3}{5} = \frac{15}{10}$$

FLIP multiply

Simplify

$$\frac{15}{10} = \frac{\cancel{3} \times \cancel{5}}{\cancel{2} \times \cancel{5}} = \frac{3}{2}$$

Cancel common factors

$$\begin{array}{r} 2 \overline{) 3} \\ \underline{1} \\ 1 \\ \underline{1} \\ 0 \end{array}$$

$$\frac{7}{20} \div \frac{8}{20} = \frac{20}{8} \times \frac{7}{20} = \frac{140}{160}$$

Flip multiply

Simplify

$$\frac{140}{160} = \frac{14 \times 10}{16 \times 10} = \frac{\cancel{2} \times 7 \times \cancel{2} \times \cancel{5}}{\cancel{2} \times 8 \times \cancel{2} \times \cancel{5}}$$

Cancel common factors.

$$\frac{7}{8}$$

c.

$$d. \frac{11}{10} \div \frac{3}{10} = \frac{10}{3} \times \frac{11}{10} = \frac{110}{30}$$

Flip multiply

Simplify

$$\frac{110}{30} = \frac{\cancel{2} \times 5 \times \cancel{11}}{\cancel{2} \times 5 \times 3}$$

improper fraction convert to mixed number

$$3 \frac{4}{3}$$

$$\frac{7}{10} \div \frac{1}{2} = \frac{2}{1} \times \frac{7}{10} = \frac{14}{10}$$

improper fraction. convert to mixed number

$$\frac{14}{10} = 1 \frac{4}{10}$$

$$f. \frac{3}{100} \div \frac{1}{20} = \frac{20}{1} \times \frac{3}{100} = \frac{60}{100}$$

$$\frac{60}{100} = \frac{\cancel{20} \times 3}{\cancel{20} \times 5} = \frac{3}{5}$$

$$\frac{3}{4} \div \frac{1}{2} = \frac{2}{1} \times \frac{3}{4} = \frac{6}{4}$$

$$\frac{6}{4} = 1 \frac{2}{4} = 1 \frac{1}{2}$$

g.

$$h. \frac{3}{2} \div \frac{3}{4} = \frac{4}{3} \times \frac{3}{2} = \frac{12}{6} = 2$$

$$\frac{2}{9} \div \frac{9}{10} = \frac{10}{9} \times \frac{2}{9} = \frac{20}{81}$$

i.