

$$1. a) \begin{array}{c} \text{inverse} \\ \frac{1}{3} \quad \frac{3}{1} \end{array}$$

$$b) \frac{8}{7} \quad \frac{7}{8}$$

$$c) \frac{9}{11} \quad \frac{11}{9} \quad \frac{1}{9} \quad \frac{2}{9}$$

$$d) \frac{17}{12} \quad \frac{12}{17}$$

$$2a) \frac{7}{5} \div \frac{1}{3}$$

$$\frac{7}{5} \times \frac{3}{1} = \frac{21}{5} = 4\frac{1}{5}$$

B)

$$\frac{3}{8} \cdot \frac{5}{2}$$

$$\frac{3}{8} \times \frac{5}{2} = \frac{15}{16}$$

$$c) \frac{4}{10} \div \frac{5}{7} =$$

$$\frac{4}{10} \times \frac{7}{5} = \frac{28}{50} = \frac{14}{25}$$

D)  $\frac{1}{6} \xrightarrow{\text{?}} \frac{1}{6} \times \frac{?}{?} = \frac{?}{6}$

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

$$3. a) \frac{5}{12} \div \frac{1}{4} \times 3$$

$$: \frac{5}{12} \div \frac{3}{12}$$

$$5 \div 3 = \frac{5}{3} = 1 \frac{2}{3}$$

$$B) \frac{7 \times 2,4}{5 \times 2} \cdot \frac{10}{10}$$

$$\cdot \frac{14}{10} \cdot \frac{4}{10}$$

$$\frac{14}{4} = 3 \frac{2}{4} = 3 \frac{1}{2}$$

$$c) \frac{2}{3} \cdot \frac{1}{2}$$

$$\frac{4}{6} = \frac{3}{6}$$

$$\frac{4}{3} = \frac{1}{3}$$



$$D) \frac{5 \times 2}{6 \times 2} \div \frac{3 \times 3}{4 \times 3}$$

$$\frac{10}{12} \div \frac{9}{12}$$

$$\frac{10}{9} = 1\frac{1}{9}$$

$$\begin{array}{c}
 \frac{3}{8} \div \frac{1}{1} = \frac{1}{1} \div \frac{3}{8} \\
 \frac{3}{8} \div \frac{1}{1} = \frac{1}{1} \div \frac{3}{8} \\
 \frac{3}{8} \div \frac{1}{1} = \frac{1}{1} \div \frac{3}{8}
 \end{array}
 \quad
 \begin{array}{c}
 \frac{1}{8} \div \frac{1}{3} = \frac{3}{8} \\
 \frac{1}{8} \div \frac{1}{3} = \frac{3}{8} \\
 \frac{1}{8} \div \frac{1}{3} = \frac{3}{8}
 \end{array}
 \quad
 \begin{array}{c}
 \frac{1}{4} \div \frac{1}{2} = \frac{2}{4} \\
 \frac{1}{4} \div \frac{1}{2} = \frac{2}{4} \\
 \frac{1}{4} \div \frac{1}{2} = \frac{2}{4}
 \end{array}$$

x

=

$\frac{3}{8}$

