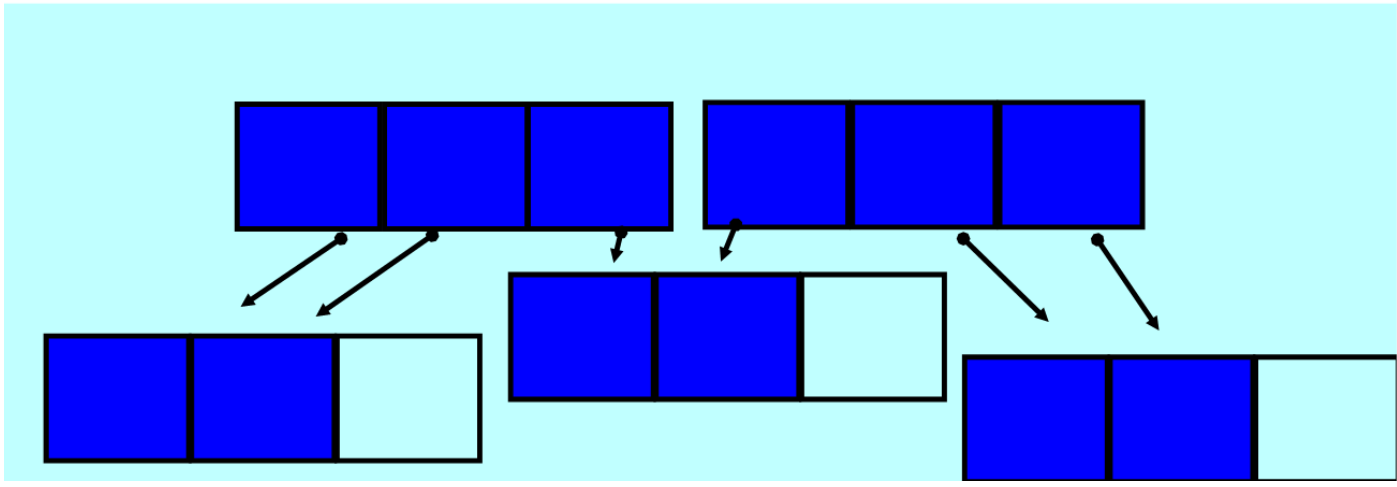


1 Look at the picture. Then write a division sentence and a fraction.



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

LO: To understand fractions and division

Success Criteria:

Fractions can be associated with division

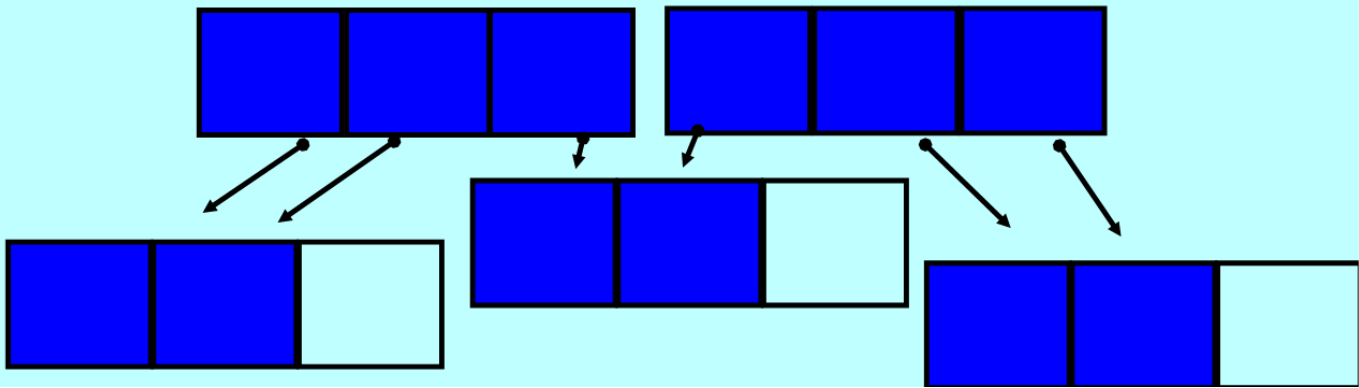
A whole number when divided by another whole number can result in:

a whole number with or without a remainder

a proper fraction

a mixed number

1 Look at the picture. Then write a division sentence and a fraction.



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

$$4 \div 9 = \frac{\boxed{\text{shaded}}}{\boxed{\text{shaded}}}$$

$$7 \div 10 = \frac{\boxed{\text{shaded}}}{\boxed{\text{shaded}}}$$

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

$$7 \div 10 = \frac{\boxed{7}}{\boxed{10}}$$

Y5 Fractions and Division day 2 home learning pack
7.7.2020 or 10.7.2020

$$\frac{2}{8} = \boxed{\text{rectangle}} \div \boxed{\text{rectangle}}$$

$$\frac{6}{9} = \boxed{\text{square}} \div \boxed{\text{rectangle}}$$

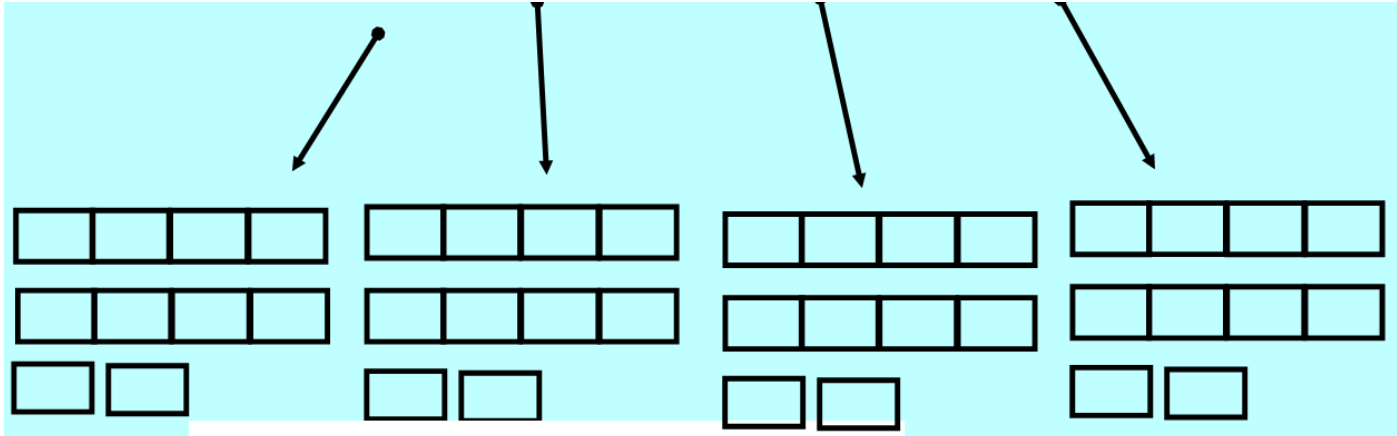
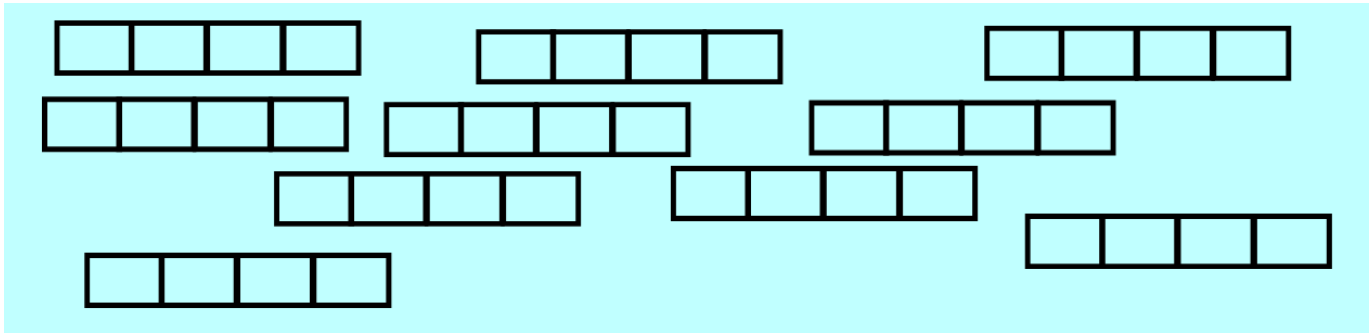
Y5 Fractions and Division day 2 home learning pack
7.7.2020 or 10.7.2020

$$\frac{2}{8} = \boxed{2} \div \boxed{8}$$

$$\frac{6}{9} = \boxed{6} \div \boxed{9}$$

Y5 Fractions and Division day 2 home learning pack

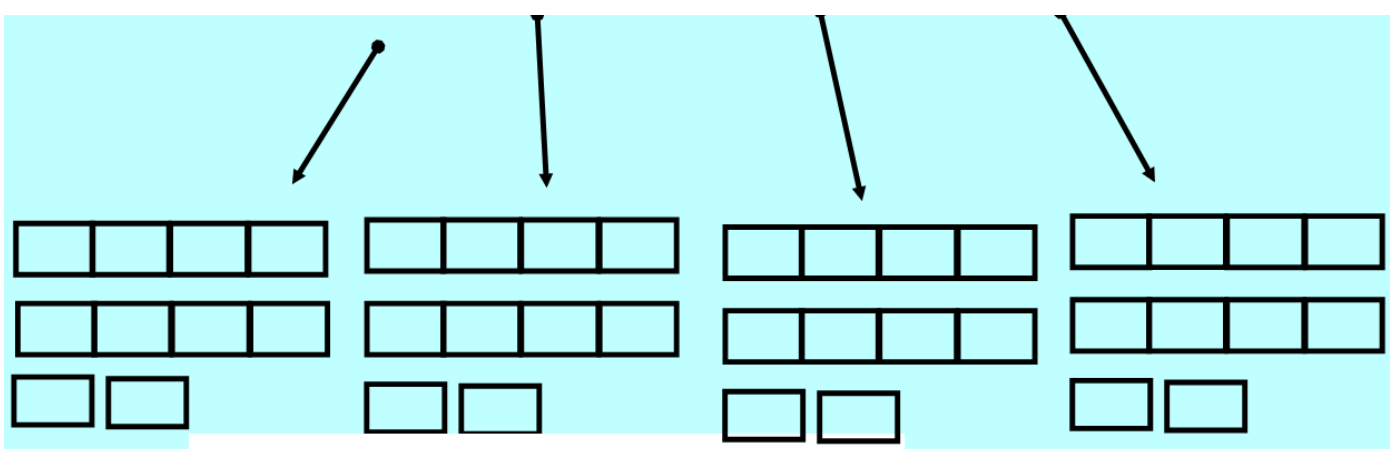
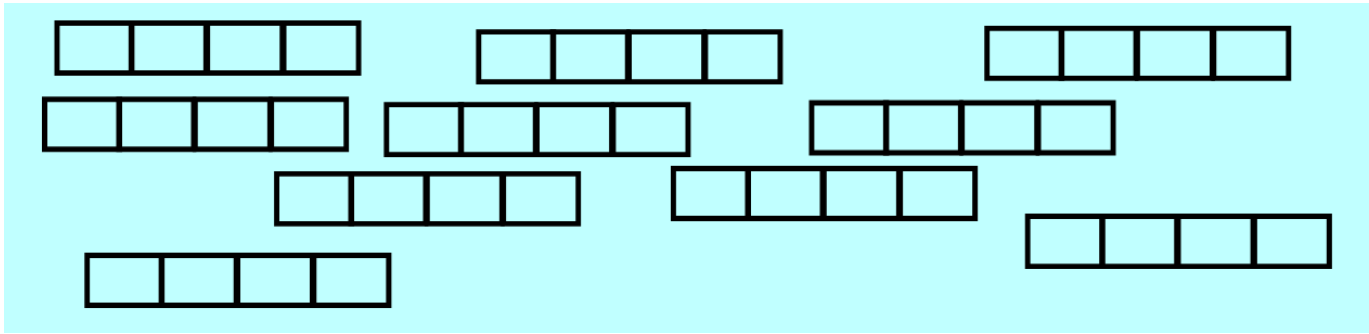
7.7.2020 or 10.7.2020



$$\underline{\quad\quad\quad} \div \underline{\quad\quad\quad} = \frac{\boxed{\quad}}{\boxed{\quad}} = \boxed{\quad} \frac{\boxed{\quad}}{\boxed{\quad}}$$

Y5 Fractions and Division day 2 home learning pack

7.7.2020 or 10.7.2020



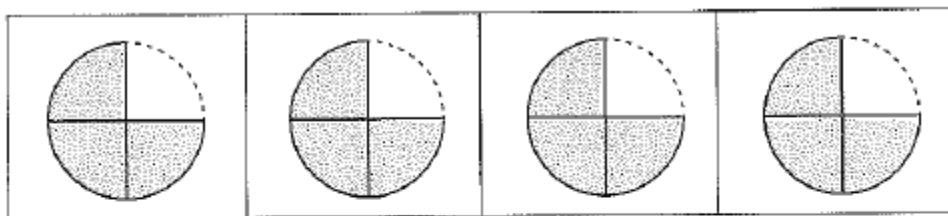
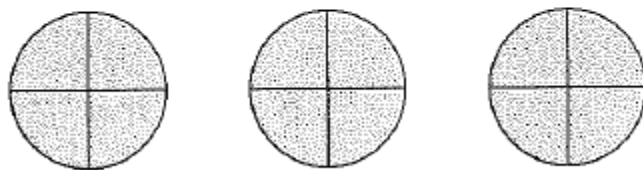
$$\underline{10} \div \underline{4} = \frac{10}{4} = 2 \frac{2}{4}$$

Practice 3

Fractions and division

1 Look at the picture. Then write a division sentence and a fraction.

a



$$3 \div 4 = \frac{\square}{\square}$$

2 Write each division sentence as a fraction. Fill in the spaces.

a $5 \div 7 = \frac{\square}{\square}$

b $3 \div 10 = \frac{\square}{\square}$

c $4 \div 9 = \frac{\square}{\square}$

d $2 \div 11 = \frac{\square}{\square}$

3 Write each fraction as a division sentence. Fill in the spaces.

a $\frac{7}{8} = \underline{\quad} \div \underline{\quad}$

b $\frac{5}{12} = \underline{\quad} \div \underline{\quad}$

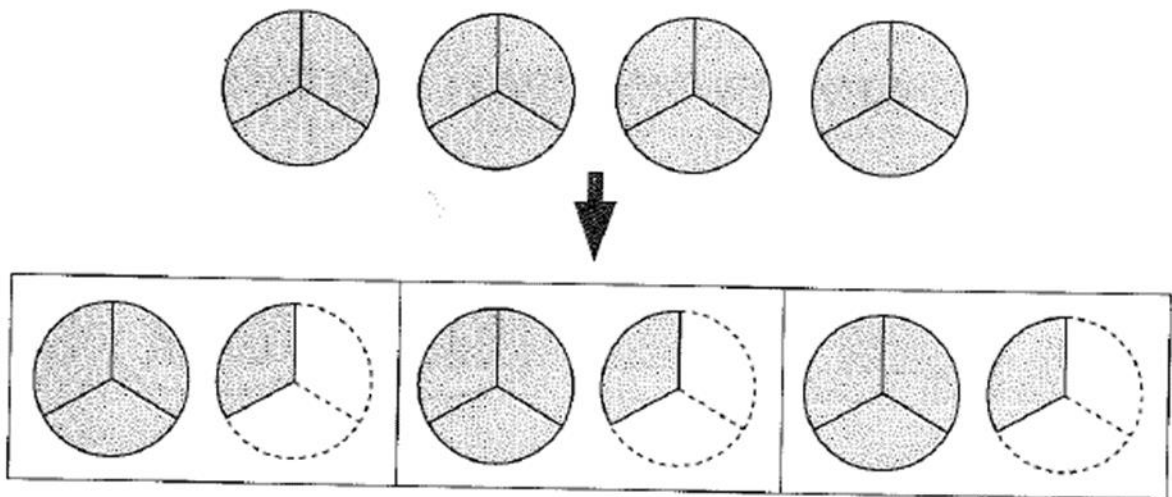
c $\frac{1}{10} = \underline{\quad} \div \underline{\quad}$

d $\frac{6}{7} = \underline{\quad} \div \underline{\quad}$



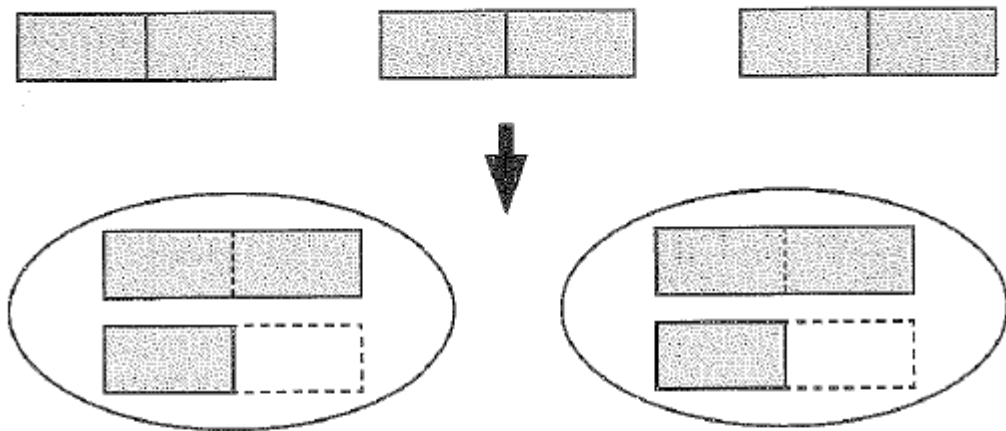
Look at the picture. Then write a division sentence, an improper fraction and a mixed number.

a



$$\underline{\quad} \div \underline{\quad} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

b



$$\underline{\quad} \div \underline{\quad} = \frac{\square}{\square} = \square \frac{\square}{\square}$$



5 Complete the following:

a $7 \div 4 = \frac{\boxed{7}}{\boxed{4}}$
 $= \frac{\boxed{4}}{\boxed{4}} + \frac{\boxed{}}{\boxed{}}$
 $= 1 + \frac{\boxed{}}{\boxed{}}$
 $= \boxed{} \frac{\boxed{}}{\boxed{}}$

b $35 \div 11 = \frac{\boxed{}}{\boxed{}}$
 $= \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}}$
 $= 3 + \frac{\boxed{}}{\boxed{}}$
 $= \boxed{} \frac{\boxed{}}{\boxed{}}$

6 Divide using long division. Express your answer as a mixed number.

a $5 \div 3 = 1 \frac{\boxed{}}{\boxed{}}$

$$\begin{array}{r} 1 \\ 3 \overline{) 5} \\ \underline{- 3} \\ 2 \end{array}$$

b $7 \div 2 = 3 \frac{\boxed{}}{\boxed{}}$

c $9 \div 4 =$

d $18 \div 5 =$

7 Write each fraction in its simplest form. Then divide to express your answer as a mixed number.

a $18 \div 4 = \frac{\boxed{18}}{\boxed{4}}$
 $= \frac{\boxed{9}}{\boxed{2}}$
 $= \boxed{} \frac{\boxed{}}{\boxed{}}$

$$\begin{array}{r} \boxed{} \\ 2 \overline{) 9} \\ \underline{} \\ \boxed{} \\ \underline{} \\ \boxed{} \end{array}$$

b $22 \div 6 = \frac{\boxed{}}{\boxed{}}$
 $= \frac{\boxed{}}{\boxed{}}$
 $= \boxed{} \frac{\boxed{}}{\boxed{}}$

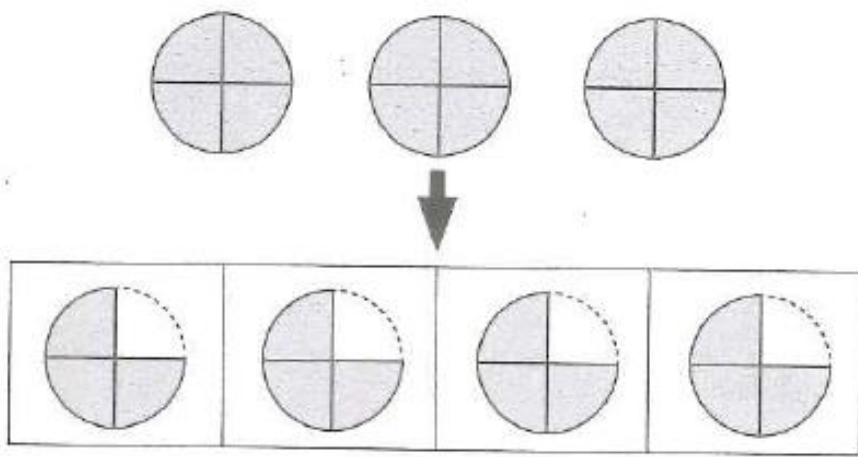
Answers

Date: _____

Practice 3 Fractions and division

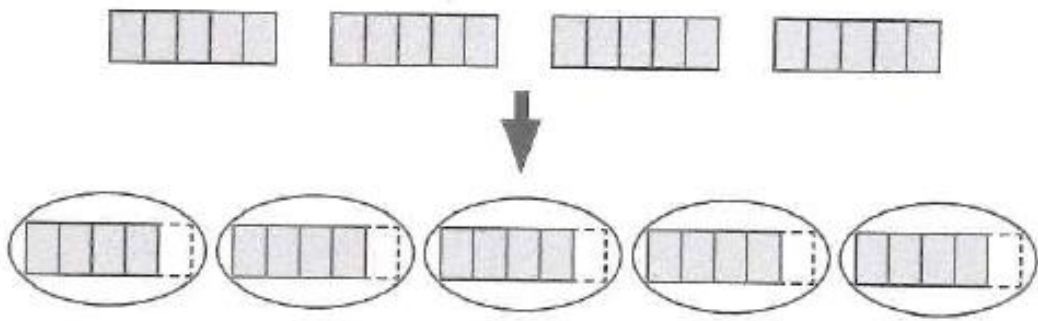
1 Look at the picture. Then write a division sentence and a fraction.

a



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

b



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

2 Write each division sentence as a fraction. Fill in the spaces.

a $5 \div 7 = \frac{\boxed{5}}{\boxed{7}}$

b $3 \div 10 = \frac{\boxed{3}}{\boxed{10}}$

c $4 \div 9 = \frac{\boxed{4}}{\boxed{9}}$

d $2 \div 11 = \frac{\boxed{2}}{\boxed{11}}$

3 Write each fraction as a division sentence. Fill in the spaces.

a $\frac{7}{8} = \underline{\quad 7 \quad} \div \underline{\quad 8 \quad}$

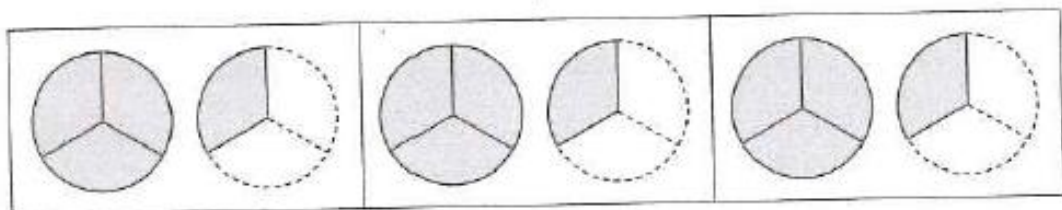
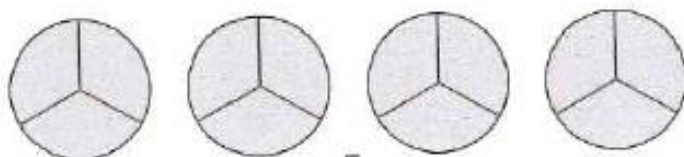
b $\frac{5}{12} = \underline{\quad 5 \quad} \div \underline{\quad 12 \quad}$

c $\frac{1}{10} = \underline{\quad 1 \quad} \div \underline{\quad 10 \quad}$

d $\frac{6}{7} = \underline{\quad 6 \quad} \div \underline{\quad 7 \quad}$

4 Look at the picture. Then write a division sentence, an improper fraction and a mixed number.

a



$\underline{\quad 4 \quad} \div \underline{\quad 3 \quad} = \frac{\boxed{4}}{\boxed{3}} = \boxed{1} \frac{\boxed{1}}{\boxed{3}}$

b

$$\underline{3} \div \underline{2} = \frac{\boxed{3}}{\boxed{2}} = \boxed{1} \frac{\boxed{1}}{\boxed{2}}$$

5 Complete the following:

a $7 \div 4 = \frac{\boxed{7}}{\boxed{4}}$

$$= \frac{\boxed{4}}{\boxed{4}} + \frac{\boxed{3}}{\boxed{4}}$$

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

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

b $35 \div 11 = \frac{\boxed{35}}{\boxed{11}}$

$$= \frac{\boxed{33}}{\boxed{11}} + \frac{\boxed{2}}{\boxed{11}}$$

$$= 3 + \frac{\boxed{2}}{\boxed{11}}$$

$$= \boxed{3} \frac{\boxed{2}}{\boxed{11}}$$

6 Divide using long division. Express your answer as a mixed number.

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

$$\begin{array}{r} 3 \overline{) 5} \\ \underline{-3} \\ 2 \end{array}$$

b $7 \div 2 = 3 \frac{1}{2}$

$$\begin{array}{r} 2 \overline{) 7} \\ \underline{-6} \\ 1 \end{array}$$

c $9 \div 4 = 2 \frac{1}{4}$

$$\begin{array}{r} 4 \overline{) 9} \\ \underline{-8} \\ 1 \end{array}$$

d $18 \div 5 = 3 \frac{3}{5}$

$$\begin{array}{r} 5 \overline{) 18} \\ \underline{-15} \\ 3 \end{array}$$

7 Write each fraction in its simplest form. Then divide to express your answer as a mixed number.

a $18 \div 4 = \frac{18}{4}$

$$= \frac{9}{2}$$

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

$$\begin{array}{r} 2 \overline{) 9} \\ \underline{-8} \\ 1 \end{array}$$

b $22 \div 6 = \frac{22}{6}$

$$= \frac{11}{3}$$

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

$$\begin{array}{r} 3 \overline{) 11} \\ \underline{-9} \\ 2 \end{array}$$

