

STD-IV

Exercise - 6.6

A. Change improper fractions to mixed numerals.

$$1. \quad \frac{9}{4} = 9 \div 4$$

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

$$\text{Ans. } \frac{9}{4} = 2 \frac{1}{4}$$

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

$$2. \quad \frac{5}{2} = 5 \div 2$$

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

$$\text{Ans. } \frac{5}{2} = 2 \frac{1}{2}$$

$$\begin{array}{r} 2 \overline{) 5} \\ \underline{-4} \\ 1 \end{array}$$

$$3. \quad \frac{7}{3} = 7 \div 3$$

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

$$\text{Ans. } \frac{7}{3} = 2 \frac{1}{3}$$

$$\begin{array}{r} 3 \overline{) 7} \\ \underline{-6} \\ 1 \end{array}$$

① similarly do all

B. Change mixed numerals to improper fractions.

$$\textcircled{1} \quad 1 \frac{1}{4} = \frac{1 \times 4 + 1}{4}$$

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

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

$$\text{Ans } 1 \frac{1}{4} = \frac{5}{4}$$

$$\textcircled{2} \quad 1 \frac{2}{3} = \frac{1 \times 3 + 2}{3}$$

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

$$= \frac{5}{3}$$

$$\text{Ans. } 1 \frac{2}{3} = \frac{5}{3}$$

$$\begin{aligned} 3) \quad 2\frac{1}{2} &= \frac{2 \times 2 + 1}{2} \\ &= \frac{4+1}{2} \\ &= \frac{5}{2} \end{aligned}$$

Ans. $2\frac{1}{2} = \frac{5}{2}$

⊙ similarly do all.

c) Write the whole numbers as fractions.

① $2 = \frac{2}{1}$

② $3 = \frac{3}{1}$

③ $5 = \frac{5}{1}$

⊙ similarly do all.

d) Write the value of the given fractions

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

2. $\frac{6}{2} = \underline{\underline{3}}$

③ $\frac{6}{3} = \underline{\underline{2}}$

⊙ similarly do all.