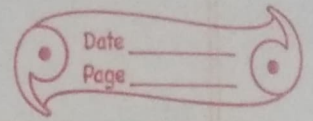


Ch-9-Fractions



1. a) Unlike fractions.

b) Mixed number

c) Improper fraction.

d) 17

e) 1

f) 5

g) 9 halves

h) Proper fraction

i) Like fraction

j) Proper fraction

2. a) $\frac{3}{5}$ of 25

$$= \frac{3}{5} \times 25 = 15$$

b) $\frac{19}{2}$ as mixed number.

$$\begin{array}{r} 2 \overline{) 19} \\ \underline{-18} \\ 1 \end{array}$$

Ans- $\frac{19}{2} = 9\frac{1}{2}$

c) $6\frac{2}{9} = \frac{56}{9}$

d) $\frac{3}{4} \text{ (i) } \frac{2}{5}$

e) $\frac{18}{42} = \frac{3}{7}$

3. a) $2\frac{5}{13} + \frac{7}{13} + 3\frac{9}{26}$

$$= \frac{31}{13} + \frac{7}{13} + \frac{87}{26}$$

$$\frac{31 \times 2 + 7 \times 2 + 87}{26}$$

$$= \frac{62 + 14 + 87}{26}$$

$$= \frac{163}{26} = 6\frac{7}{26}$$

$$13(13, 13, 26)$$
$$1, 1, 2$$

$$1$$
$$62$$

$$+ 14$$

$$\underline{87}$$

$$163$$

$$\begin{array}{r} 6 \\ 26 \overline{) 163} \\ \underline{-156} \\ 7 \end{array}$$

$$\underline{-156}$$

$$7$$

$$\frac{11}{20} = \frac{11 \times 2 - 3 \times 5}{20}$$

$$= \frac{22 - 15}{20} = \frac{7}{20}$$

$$\frac{2(10,4)}{5,3}$$