Chapter-9

Fraction

worksheet

4 Fill in the blanks denominator are _____ fraction.

1 Fill in the blanks

a fraction with different denominators are unlike fraction.

b A mixed number is combination of whole number and Proper fraction

c A fraction greater than 1 is always a/an improper fraction.

d in $\frac{17}{18}$ the numberator is 17

e The lowest terms of $\frac{10}{10}$ is 1

f 5 one-fifth makes whole.

g There are 8 halves in $4\frac{1}{2}$

h ~~A~~ Factor

h A Proper fraction is always less then 1.

i Fraction with the same denominator are like fraction.

2 Do as directed:

a Find: $\frac{3}{5}$ of 25

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

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

Ans $\frac{19}{2} = 8\frac{3}{2}$

c EXPress $6\frac{2}{9}$ as im POper fraction.

ans $6\frac{2}{9} = \frac{56}{9}$

d $\frac{3}{4} > \frac{2}{5}$

e Reduce $\frac{18}{42}$ to its lowest form.

Ans $\frac{18}{42} = \frac{18 \div 6}{42 \div 6} = \frac{3}{7}$

3

a Add: $2\frac{5}{13} + \frac{7}{13} + 3\frac{9}{26}$

Ans

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

LCM of 13, 13, and 26 are

$= 13 \times 2 = 26$

b subtract $5\frac{1}{9}$ from $9\frac{5}{7}$

Ans $\frac{52}{9} - \frac{68}{7} = \frac{68}{7}\ \frac{52}{9} = \frac{612 - 364}{63}$

$= \frac{248}{63} = 3\frac{59}{63}$

c multiply: $\frac{2}{5} \times \frac{3}{4} \times \frac{1}{2}$

Ans $\frac{2 \times 3 \times 1}{5 \times 4 \times 2} = \frac{6}{40}$

d simplify: $\frac{3}{5} + \frac{1}{2} - \frac{3}{4}$

Ans L.C.M of 5, 24 = 20

$\frac{3}{3} + \frac{1}{2} - \frac{3}{4}$

$= \frac{3}{4} + \frac{1}{10} - \frac{3}{5}$

$= \frac{12 + 10 - 15}{20} = \frac{22 - 15}{20} = \frac{7}{20}$