Name-Sai vighnesh Worksheet
sec-B ch-4 date-3/4/21
Class-V Pg-1 Sub-Math
School no 4343

1. a) Fractions with different dinominators are unlike fractions.

b) A mixed number is a combination of a whole number and a proper fraction.

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

d) In $\frac{17}{18}$, the numerator is 17.

e) The lowest term of $\frac{10}{10}$ is $\frac{1}{1}$.

f) Five one fifth make a whole.

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

h) A Proper fraction is always less than 1.

i) Fractions with the same dinominator are like fractions.

j) The numbers such as half, one-third, one-fourth, two-fifth five-sixth, etc. are called fractional numbers

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

Ans: $\frac{3}{5} \times \frac{25^{5}}{1} = 15$

b) Ans: $\frac{19}{2}$

$= 19 \div 2 = 9\frac{1}{2}$

c) Ans: $6\frac{3}{4}$

$= (4 \times 6) + 3$

$= \frac{27}{4}$

d) Ans: $\frac{3}{4} \square \frac{2}{5}$

$\frac{3}{4} \times \frac{25}{25} = \frac{75}{100}$

$\frac{2}{5} \times \frac{20}{20} = \frac{40}{100}$

$= \frac{75}{100} \square \frac{40}{100}$

$= \frac{3}{4} \square \frac{2}{5}$

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

$= \frac{18}{42} \div \frac{3}{3} = \frac{6}{14} \div \frac{2}{2} = \frac{3}{7}$

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

$= \frac{31}{13} + \frac{7}{13} + \frac{96}{26}$

$= \frac{31}{13} \times \frac{2}{2} = \frac{62}{26}$

$= \frac{7}{13} \times \frac{2}{2} = \frac{14}{26}$

$= \frac{62 + 14 + 96}{26} = \frac{172}{26}$

$= \frac{172}{26} \div \frac{2}{2} = \frac{86}{13} = 7$

b) substract $5\frac{7}{9}$ from $9\frac{5}{7}$

= substract $\frac{52}{9}$ from $\frac{68}{7}$

$= \frac{52}{9} \times \frac{7}{7} = \frac{364}{63}$

$= \frac{68}{7} \times \frac{9}{9} = \frac{612}{63}$

$= \frac{612 - 364}{63} = \frac{48}{63}$

$= \frac{48}{63} \div \frac{3}{3} = \frac{16}{21}$

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

Ans $= \frac{2^{1}}{5} \times \frac{3}{\cancel{4}_{2}} \times \frac{1}{2}$

$= \frac{1}{5} \times \frac{3}{2} \times \frac{1}{2} = \frac{3}{20}$

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

$= \frac{3}{5} \times \frac{2}{2} = \frac{6}{10}$

$\frac{1}{2} \times \frac{5}{5} = \frac{5}{10}$

$= \frac{5+6}{10} = \frac{11}{10}$

$= \frac{11}{10} \times \frac{2}{2} = \frac{22}{20}$

$\frac{3}{4} \times \frac{5}{5} = \frac{15}{20}$

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

e) Ans: A ribbon measuring $= 3\frac{1}{2}$

Number of pieces $= 7$

length of each piece

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

$= \frac{7}{2} \div \frac{7}{1} = \frac{7}{2} \times \frac{1}{7} = \frac{1}{2}$

Therefore the of

each piece = $\frac{1}{5}$