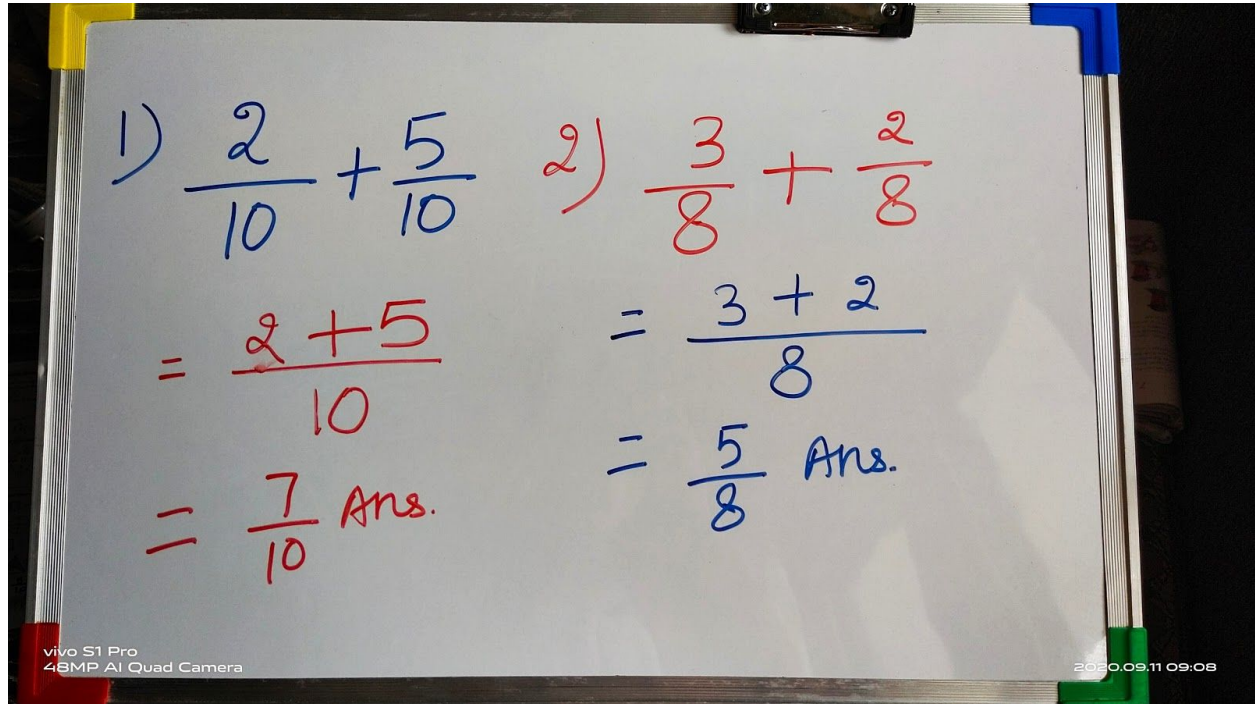Class -**3 A and B**
Sub- Mathematics
Topic- Ch- 7(Fractions)

Review of zoom class on 11-9-2020 Explained the boys how to add , subtract and divide fractions. Did few questions in the class

      Addition of fractions

1) $\dfrac{2}{10} + \dfrac{5}{10}$ 2) $\dfrac{3}{8} + \dfrac{2}{8}$

$= \dfrac{2+5}{10}$ $= \dfrac{3+2}{8}$

$= \dfrac{7}{10}$ Ans. $= \dfrac{5}{8}$ Ans.

      Subtraction of fractions

$$3)\ \frac{9}{11} - \frac{3}{11}$$

$$= \frac{9-3}{11}$$

$$= \frac{6}{11}\ \text{Ans.}$$

$$4)\ \frac{25}{30} - \frac{19}{30}$$

$$= \frac{25-19}{30}$$

$$= \frac{6}{30}\ \text{Ans.}$$

Using division to find fractional part of a whole number

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

$$\frac{3}{4}\ \text{of}\ 16 = 3\times4$$

$$\frac{3}{\cancel{4}1} \times \frac{\cancel{16}4}{1} = 12\ \text{Ans}$$

$$2)\ \frac{2}{3}\ \text{of}\ 12$$

$$= \frac{2}{\cancel{3}1} \times \frac{\cancel{12}4}{1}$$

$$= 2 \times 4$$

$$= 8\ \text{Ans.}$$

$3)\ \dfrac{1}{4}$ of 20

$$= \dfrac{1}{4_1} \times \overset{5}{20}$$

$$= 1 \times 5$$
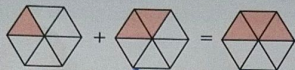
$$= 5 \text{ Ans}$$

H. W

Ex-7.4 and 7.5 in the book. Pg-92 and 94. Please check your answers

Exercise 7.4

1. Write the addition fact that each of following picture shows.

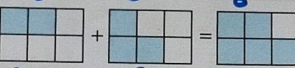(a)

$$\dfrac{1}{6} + \dfrac{2}{6} = \dfrac{3}{6} \text{ Ans}$$

(b)

$$\dfrac{1}{4} + \dfrac{2}{4} = \dfrac{3}{4} \text{ Ans}$$

(c)

$$\dfrac{2}{6} + \dfrac{3}{6} = \dfrac{5}{6} \text{ Ans}$$

(d)

$$\dfrac{2}{6} + \dfrac{2}{6} = \dfrac{4}{6} \text{ Ans}$$

(e)

$$\rightarrow \dfrac{2}{6} + \dfrac{3}{6} = \dfrac{5}{6} \text{ Ans}$$

2. Copy and add.

(a) $\dfrac{1}{4} + \dfrac{1}{4} = \dfrac{2}{4}$

(b) $\dfrac{1}{5} + \dfrac{4}{5} = \dfrac{5}{5}$

(c) $\dfrac{1}{7} + \dfrac{3}{7} = \dfrac{4}{7}$

(d) $\dfrac{1}{3} + \dfrac{1}{3} = \dfrac{2}{3}$

(e) $\dfrac{6}{13} + \dfrac{6}{13} = \dfrac{12}{13}$

(f) $\dfrac{2}{6} + \dfrac{1}{6} = \dfrac{3}{6}$

(g) $\dfrac{2}{3} + \dfrac{1}{3} = \dfrac{3}{3}$

(h) $\dfrac{9}{11} + \dfrac{1}{11} = \dfrac{10}{11}$

(e) $\dfrac{3}{5} + \dfrac{1}{5} = \dfrac{4}{5}$

(j) $\dfrac{6}{12} + \dfrac{5}{12} = \dfrac{11}{12}$

(k) $\dfrac{7}{11} + \dfrac{2}{11} = \dfrac{9}{11}$

(l) $\dfrac{2}{13} + \dfrac{4}{13} = \dfrac{6}{13}$

3. Copy and subtract.

(a) $\dfrac{2}{4} - \dfrac{1}{4} = \dfrac{1}{4}$

(b) $\dfrac{11}{13} - \dfrac{2}{13} = \dfrac{9}{13}$

(c) $\dfrac{5}{6} - \dfrac{2}{6} = \dfrac{3}{6}$

(d) $\dfrac{10}{11} - \dfrac{2}{11} = \dfrac{8}{11}$

(e) $\dfrac{12}{15} - \dfrac{6}{15} = \dfrac{6}{15}$

(f) $\dfrac{5}{7} - \dfrac{1}{7} = \dfrac{4}{7}$

(g) $\dfrac{5}{6} - \dfrac{3}{6} = \dfrac{2}{6}$

(h) $\dfrac{12}{13} - \dfrac{6}{13} = \dfrac{6}{13}$

(i) $\dfrac{9}{11} - \dfrac{6}{11} = \dfrac{3}{11}$

(j) $\dfrac{5}{7} - \dfrac{2}{7} = \dfrac{3}{7}$

(k) $\dfrac{8}{19} - \dfrac{4}{19} = \dfrac{4}{19}$

(l) $\dfrac{9}{17} - \dfrac{5}{17} = \dfrac{4}{17}$

1. Write a fraction for each division numeral below.

(a) $1 \div 4 = \dfrac{1}{4}$

(b) $1 \div 7 = \dfrac{1}{7}$

(c) $3 \div 8 = \dfrac{3}{8}$

(d) $2 \div 5 = \dfrac{2}{5}$

(e) $5 \div 8 = \dfrac{5}{8}$

(f) $1 \div 5 = \dfrac{1}{5}$

2. Write a division numeral for each fraction below.

(a) $\dfrac{3}{4} = \boxed{3 \div 4}$

(b) $\dfrac{5}{6} = \boxed{5 \div 6}$

(c) $\dfrac{1}{4} = \boxed{1 \div 4}$

(d) $\dfrac{9}{3} = \boxed{9 \div 3}$

(e) $\dfrac{11}{8} = \boxed{11 \div 8}$

(f) $\dfrac{3}{7} = \boxed{3 \div 7}$

3. Write the division numeral by using fractional part.

(a) $\dfrac{1}{2}$ of $6 = 3$

(b) $\dfrac{1}{3}$ of $6 = 2$ Ans

(c) $\dfrac{3}{4}$ of $16 = 3 \times 4 = 12$ Ans

(d) $\dfrac{2}{4}$ of $12 = 6$ Ans

(e) $\dfrac{2}{3}$ of $15 = 2 \times 5 = 10$ Ans

(f) $\dfrac{1}{4}$ of $8 = 2$ Ans

Lab Activity

Objective: To study about the fraction