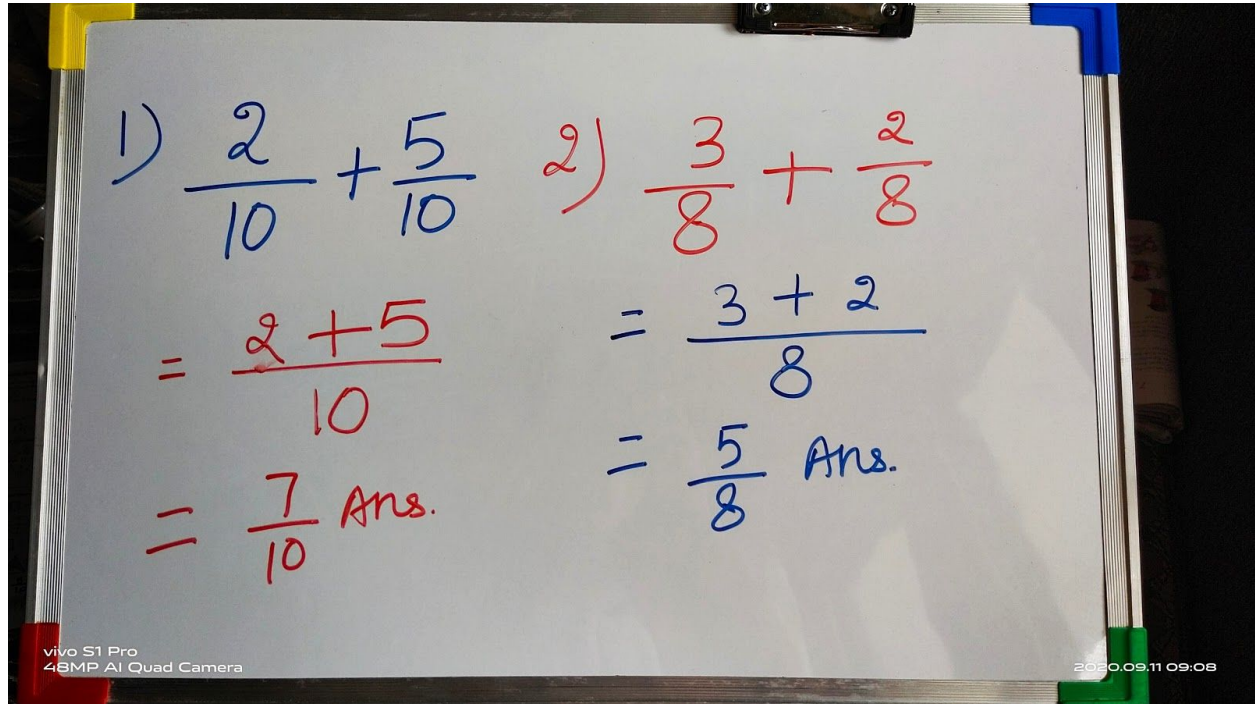


Class -3 A and B
Sub- Mathematics
Topic- Ch- 7(Fractions)

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



The image shows a whiteboard with two handwritten fraction addition problems. Problem 1) is $\frac{2}{10} + \frac{5}{10}$, which is simplified to $\frac{2+5}{10} = \frac{7}{10}$ Ans. Problem 2) is $\frac{3}{8} + \frac{2}{8}$, which is simplified to $\frac{3+2}{8} = \frac{5}{8}$ Ans. The whiteboard is held by a clip at the top, and the background is dark. There is a small text overlay in the bottom left corner: 'vivo S1 Pro 48MP AI Quad Camera' and a timestamp in the bottom right corner: '2020.09.11 09:08'.

$$1) \frac{2}{10} + \frac{5}{10} = \frac{2+5}{10} = \frac{7}{10} \text{ Ans.}$$
$$2) \frac{3}{8} + \frac{2}{8} = \frac{3+2}{8} = \frac{5}{8} \text{ Ans.}$$

Subtraction of fractions

$$\begin{array}{rcl}
 3) \frac{9}{11} - \frac{3}{11} & & 4) \frac{25}{30} - \frac{19}{30} \\
 = \frac{9-3}{11} & & = \frac{25-19}{30} \\
 = \frac{6}{11} \text{ Ans.} & & = \frac{6}{30} \text{ Ans.}
 \end{array}$$

vivo S1 Pro
48MP AI Quad Camera

2020-05-11 09:17

Using division to find fractional part of a whole number

$$\begin{array}{l}
 \frac{3}{4} = 3 \div 4 \\
 \frac{3}{4} \text{ of } 16 = 3 \times 4 \\
 \frac{3}{4} \times \frac{16}{1} = 12 \text{ Ans.}
 \end{array}$$

$$\begin{array}{l}
 \textcircled{2} \frac{2}{3} \text{ of } 12 \\
 = \frac{2}{3} \times \cancel{12}^4 \\
 = 2 \times 4 \\
 = 8 \text{ Ans.}
 \end{array}$$

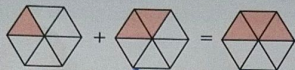
$$\begin{aligned} \textcircled{3} \quad \frac{1}{4} \text{ of } 20 \\ &= \frac{1}{4} \times 20 \\ &= 1 \times 5 \\ &= 5 \text{ Ans} \end{aligned}$$


H. W

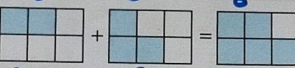
Ex-7.4 and 7.5 in the book. Pg-92 and 94. Please check your answers


Exercise 7.4


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

(a)  $\frac{1}{2} + \frac{3}{6} = \frac{3}{6} \text{ Ans}$

(b)  $\frac{1}{4} + \frac{2}{4} = \frac{3}{4} \text{ Ans}$

(c)  $\frac{2}{6} + \frac{3}{6} = \frac{5}{6} \text{ Ans}$

(d)  $\frac{2}{6} + \frac{2}{6} = \frac{4}{6} \text{ Ans}$

(e)  $\frac{2}{6} + \frac{3}{6} = \frac{5}{6} \text{ Ans}$

2. Copy and add.

(a) $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$ (b) $\frac{1}{5} + \frac{4}{5} = \frac{5}{5}$ (c) $\frac{1}{7} + \frac{3}{7} = \frac{4}{7}$ (d) $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$

(e) $\frac{6}{13} + \frac{6}{13} = \frac{12}{13}$ (f) $\frac{2}{6} + \frac{1}{6} = \frac{3}{6}$ (g) $\frac{2}{3} + \frac{1}{3} = \frac{3}{3}$ (h) $\frac{9}{11} + \frac{1}{11} = \frac{10}{11}$

(i) $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$ (j) $\frac{6}{12} + \frac{5}{12} = \frac{11}{12}$ (k) $\frac{7}{11} + \frac{2}{11} = \frac{9}{11}$ (l) $\frac{2}{13} + \frac{4}{13} = \frac{6}{13}$

3. Copy and subtract.

(a) $\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$ (b) $\frac{11}{13} - \frac{2}{13} = \frac{9}{13}$ (c) $\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$ (d) $\frac{10}{11} - \frac{2}{11} = \frac{8}{11}$

(e) $\frac{12}{15} - \frac{6}{15} = \frac{6}{15}$ (f) $\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$ (g) $\frac{5}{6} - \frac{3}{6} = \frac{2}{6}$ (h) $\frac{12}{13} - \frac{6}{13} = \frac{6}{13}$

(i) $\frac{9}{11} - \frac{6}{11} = \frac{3}{11}$ (j) $\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$ (k) $\frac{8}{19} - \frac{4}{19} = \frac{4}{19}$ (l) $\frac{9}{17} - \frac{5}{17} = \frac{4}{17}$

92

Exercise 7.5

1. Write a fraction for each division numeral below.

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

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

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

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

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

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

2. Write a division numeral for each fraction below.

(a) $\frac{3}{4} = 3 \div 4$

(b) $\frac{5}{6} = 5 \div 6$

(c) $\frac{1}{4} = 1 \div 4$

(d) $\frac{9}{3} = 9 \div 3$

(e) $\frac{11}{8} = 11 \div 8$

(f) $\frac{3}{7} = 3 \div 7$

3. Write the division numeral by using fractional part.

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

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

(c) $\frac{3}{4}$ of 16 = 3×4
= 12 Ans

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

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

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

Lab Activity

Objective: To study about the fraction