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*Worksheet-2 (07/06/2020)*

*Class Four*

*Subject Mathematics*

*Chapter 8*

*Topic Fractions*

**1. Do the following addition of fractions:**

**(i)** $\frac{1}{6} + \frac{1}{12}$  **(ii)** $\frac{2}{9} + \frac{1}{4}$  **(iii)** $\frac{1}{12} + \frac{3}{8}$  **(iv)** $\frac{3}{5} + \frac{4}{15}$  **(v)** $\frac{5}{18} + \frac{5}{12}$

Textbook  Page: 101, Exercise (2): 2

**2. Do the following subtraction of fractions:**

**(i)** $\frac{1}{5} - \frac{1}{10}$  **(ii)** $\frac{4}{7} - \frac{3}{21}$  **(iii)** $\frac{25}{32} - \frac{5}{16}$  **(iv)** $\frac{5}{9} - \frac{1}{12}$  **(v)** $\frac{17}{18} - \frac{5}{6}$

Textbook Page: 101, Exercise (2): 3

**3. Do the following calculations:**

**(i)** $\frac{3}{7} + \frac{1}{2} - \frac{3}{14}$  **(ii)** $\frac{4}{6} + \frac{5}{12} - \frac{1}{4}$  **(iii)** $\frac{4}{5} - \frac{1}{2} + \frac{2}{3}$  **(iv)** $\frac{7}{9} - \frac{4}{6} + \frac{11}{18}$

Textbook Page: 101, Exercise (2): 4

**Solution of Textbook Word Problems: Page 102**

**6.**

**(i)** Sabuj's House to Mitu's House $= \frac{3}{8} + \frac{5}{12}$ km

$$= \frac{9}{24} + \frac{10}{24} \text{ km}$$

$$= \frac{9+10}{24} \text{ km}$$

$$= \frac{19}{24} \text{ km}$$

**(ii)** Sobuj's house is nearer to School.

So the difference $= \frac{5}{12} - \frac{3}{8}$ km

$$= \frac{10}{24} - \frac{9}{24} \text{ km}$$

$$= \frac{10-9}{24} \text{ km}$$

$$= \frac{1}{24} \text{ km}$$

(Answer)

**7.**

**(i)** Total planted part $= \frac{1}{2} + \frac{1}{4} + \frac{1}{5}$

$$= \frac{10}{20} + \frac{5}{20} + \frac{4}{20}$$

$$= \frac{10+5+4}{20}$$

$$= \frac{19}{20}$$

**(ii)** Full Garden = 1 part

So the blank part $= 1 - \frac{19}{20}$

$$= \frac{20}{20} - \frac{19}{20}$$

$$= \frac{20-19}{20}$$

$$= \frac{1}{20}$$

(Answer)