

EXERCISE – 6E

Q-1 Add the following –

$$\text{a. } \frac{2}{5} + \frac{2}{5} = \frac{2+2}{5} = \frac{4}{5}$$

$$\text{b. } \frac{6}{11} + \frac{4}{11} = \frac{6+4}{11} = \frac{10}{11}$$

$$\text{c. } \frac{8}{13} + \frac{8}{13} = \frac{8+8}{13} = \frac{16}{13} = 1 \frac{3}{13}$$

$$\text{a. } \frac{19}{72} + \frac{17}{72} = \frac{19+17}{72} = \frac{36}{72} = \frac{1}{2}$$

$$\text{a. } 2\frac{1}{4} + 2\frac{1}{4}$$

$$= \frac{9}{4} + \frac{9}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$\begin{aligned} \text{b. } 3\frac{1}{3} + 2\frac{1}{3} \\ = \frac{10}{3} + \frac{7}{3} = \frac{17}{3} = 5\frac{2}{3} \end{aligned}$$

$$\text{k. } 2\frac{3}{10} + 1\frac{5}{10}$$

$$= \frac{23}{10} + \frac{15}{10} = \frac{23+15}{10} = \frac{38}{10} = \frac{19}{5} = 3\frac{4}{5}$$

Q-2. Subtract the following –

$$\text{a. } \frac{4}{7} - \frac{3}{7} = \frac{4-3}{7} = \frac{1}{7}$$

$$\text{b. } \frac{20}{21} - \frac{5}{21} = \frac{20-5}{21} = \frac{15}{21} = \frac{5}{7}$$

$$\text{g. } 2\frac{4}{5} - 1\frac{1}{5}$$

$$= \frac{14}{5} - \frac{6}{5} = \frac{14-6}{5} = \frac{8}{5} = 1\frac{3}{5}$$

$$\text{h. } 4\frac{2}{3} - 2\frac{1}{3}$$

$$= \frac{14}{3} - \frac{7}{3} = \frac{14-7}{3} = \frac{7}{3} = 2\frac{1}{3}$$

