Now, ... equivalent fraction with denominator 120. Also $\frac{}{25} < \frac{}{18} < \frac{7}{11} < \frac{7}{10} < \frac{7}{8}$.
We have,

EXERCISE 5.3

1. Find four equivalent fractions for each of the following fractions :
   (a) $\frac{2}{3}$ (b) $\frac{4}{7}$ (c) $\frac{3}{5}$ (d) $\frac{2}{9}$ (e) $\frac{6}{12}$ (f) $\frac{6}{17}$

2. Find the value of x in each of the following cases :
   (a) $\frac{2}{3} = \frac{27}{x}$ (b) $\frac{x}{12} = \frac{121}{132}$ (c) $\frac{4}{5} = \frac{x}{80}$

3. Check whether the given fractions are equivalent or not :
   (a) $\frac{4}{5}$ and $\frac{24}{30}$ (b) $\frac{7}{11}$ and $\frac{21}{32}$ (c) $\frac{12}{35}$ and $\frac{3}{5}$ (d) $\frac{45}{81}$ and $\frac{5}{7}$

4. Convert fractions into equivalent fraction having the numerator 60 :
   (a) $\frac{3}{5}$ (b) $\frac{30}{45}$ (c) $\frac{5}{12}$ (d) $\frac{30}{40}$

5. Find the equivalent fraction of $\frac{5}{7}$ having :
   (a) denominator 35 (b) numerator 45 (c) numerator 50 (d) denominator

6. Find out the smaller fraction in each pair of fractions :
   (a) $\frac{2}{7}, \frac{5}{7}$ (b) $\frac{5}{13}, \frac{7}{13}$ (c) $\frac{7}{2}, \frac{7}{9}$ (d) $\frac{3}{13}, \frac{3}{15}$

7. Change the given fractions into fractions having the same denominator :
   (a) $\frac{1}{6}, \frac{2}{7}$ (b) $\frac{5}{12}, \frac{3}{16}$ (c) $\frac{9}{20}, \frac{9}{16}$

8. Which of the following fractions is greater?
   (a) $\frac{4}{7}, \frac{2}{9}$ (b) $\frac{7}{9}, \frac{11}{18}$ (c) $\frac{9}{40}, \frac{7}{25}$

9. Arrange the following fractions in ascending order :

(a) $\frac{2}{18}, \frac{9}{18}, \frac{7}{18}, \frac{5}{18}$ (b) $\frac{5}{15}, \frac{5}{9}, \frac{5}{13}, \frac{5}{20}$ (c) $\frac{1}{3}, \frac{4}{5}, \frac{7}{8}, \frac{5}{12}$

10. Arrange the following fractions in descending order :

(a) $\frac{4}{15}, \frac{7}{15}, \frac{10}{15}, \frac{2}{15}$ (b) $\frac{7}{12}, \frac{7}{14}, \frac{7}{20}, \frac{7}{18}$ (c) $\frac{3}{4}, \frac{7}{24}, \frac{5}{12}, \frac{1}{8}$

ADDITION AND SUBTRACTION OF Problem 11 : Add : $\frac{7}{}$ $\frac{11}{}$

Rohan had ₹ 960 in the beginning.

EXERCISE 5.4

1. Solve the following :

(a) $\frac{1}{18}+\frac{1}{18}$ (b) $\frac{3}{22}+\frac{25}{22}$ (c) $\frac{12}{15}-\frac{7}{15}$ (d) $\frac{5}{8}+\frac{9}{8}$ (e) $\frac{23}{5}+\frac{12}{5}$

2. Find the sum of the following :

(a) $\frac{2}{3}+\frac{1}{7}$ (b) $\frac{12}{5}+\frac{14}{3}+\frac{1}{2}$ (c) $4\frac{2}{3}+3\frac{1}{4}$ (d) $\frac{7}{10}+\frac{2}{15}$ (e) $\frac{4}{5}+\frac{7}{15}$

3. Find the difference of the following :

(a) $\frac{13}{24}$ and $\frac{7}{16}$ (b) $\frac{1}{12}$ and $\frac{3}{4}$ (c) $\frac{2}{3}$ and $\frac{6}{7}$ (d) $\frac{15}{6}$ and $\frac{1}{3}$ (e) $4\frac{2}{5}$ and $3\frac{1}{6}$