Ex - 9 (A)

10 Which is greater of the two given fractions in each case? Write your answers using the sign '>' or '<'.

a. $\frac{3}{4} \_\_ \frac{6}{7}$ $\quad$ b. $6 - \frac{8}{9} \_\_ \frac{5}{6}$

c. $\frac{3}{10} \_\_ \frac{5}{8}$ $\quad$ d. $\frac{11}{12} \_\_ \frac{8}{9}$

e. $6\frac{6}{7} \_\_ \frac{49}{8}$ $\quad$ f. $5\frac{3}{7} \_\_ \frac{41}{8}$

g. $1\frac{11}{12} \_\_ 1\frac{12}{15}$ $\quad$ h. $16\frac{3}{5} \_\_ 16\frac{4}{7}$

11- Arrange the following fractions in ascending order (use the sign <)

g- $\frac{7}{10}, \frac{2}{3}, \frac{11}{24}$

Ans- $\frac{2}{3} < \frac{7}{10} < \frac{11}{24}$

h- $\frac{11}{21}, \frac{5}{7}, \frac{1}{2}$

Ans- $\frac{1}{2} < \frac{11}{21} < \frac{5}{7}$

12- Arrange the following fractions in descending order (use the sign >).

a- $\frac{1}{4}, \frac{7}{8}, \frac{5}{12}$

Ans- $\frac{7}{8} > \frac{5}{12} > \frac{1}{4}$

e) $\frac{5}{8}, \frac{3}{16}, \frac{3}{4}$

R: $\frac{5}{8} > \frac{3}{4} > \frac{3}{16}$

f) $\frac{3}{8}, \frac{3}{4}, \frac{5}{14}$

R: $\frac{3}{4} > \frac{5}{8} > \frac{5}{14}$

g) $\frac{5}{14}, \frac{7}{9}, \frac{2}{3}$

R: $\frac{7}{9} > \frac{2}{3} > \frac{5}{14}$

h) $\frac{7}{16}, \frac{3}{8}, \frac{5}{12}$

R: $\frac{7}{16} > \frac{5}{12} > \frac{3}{8}$

f) $\frac{25}{27}, \frac{8}{9}, \frac{15}{18}$

R: $\frac{25}{27} > \frac{8}{9} > \frac{15}{18}$

g) $\frac{11}{20}, \frac{4}{5}, \frac{17}{40}$

R: $\frac{4}{5} > \frac{11}{20} > \frac{17}{40}$

h) $\frac{11}{17}, \frac{1}{4}, \frac{1}{2}$

Ans- $\frac{11}{17} > \frac{1}{2} > \frac{1}{4}$