Class - 8 Assignment

Rational Number

(1) Compare the following rational numbers given below and put '<' '>' or '=' sign.

(a) $\frac{2}{3} \square \frac{6}{8}$ (b) $\frac{8}{2} \square \frac{4}{3}$ (c) $\frac{5}{7} \square \frac{8}{7}$

(d) $2\frac{1}{3} \square 4\frac{3}{2}$ (e) $\frac{4}{7} \square 3\frac{2}{1}$ (f) $\frac{8}{9} \square \frac{9}{7}$

(2) Solve the following -

(a) $\frac{2}{3} + \frac{6}{9}$ (b) $\frac{8}{4} - \frac{3}{2}$ (c) $4\frac{3}{2} - \frac{4}{2}$

(d) $7\frac{3}{4} + \frac{2}{3}$ (e) $\frac{8}{6} + \frac{3}{4}$ (f) $\frac{7}{8} + \frac{3}{6}$

(g) $\frac{8}{2} + 2\frac{3}{4}$ (h) $4\frac{2}{6} + \frac{7}{9}$ (i) $\frac{8}{9} + \frac{2}{6}$

(j) $\frac{6}{7} - \frac{7}{2}$ (k) $\frac{48}{50} - \frac{30}{150}$ (l) $\frac{7}{3} - \frac{2}{6}$

(3) Write the Reciprocal of the following -

(a) $\frac{2}{8}$ (b) $\frac{6}{9}$ (c) $\frac{7}{3}$ (d) $\frac{4}{10}$ (e) $\frac{8}{4}$

(f) $\frac{7}{4}$ (g) $\frac{8}{3}$ (h) $\frac{5}{6}$ (i) $\frac{3}{8}$ (j) $\frac{9}{6}$