

10. Fractions

Simplify the following Fractions. If the answer is an Improper Fraction, change it to a Mixed Number.

a. $\frac{3}{4} + \frac{2}{4}$
 $= \text{ — } = \text{ — } \text{ — }$

b. $\frac{4}{5} + \frac{3}{5}$
 $= \text{ — } = \text{ — } \text{ — }$

c. $\frac{7}{8} + \frac{4}{8}$
 $= \text{ — } = \text{ — } \text{ — }$

d. $\frac{9}{12} + \frac{8}{12}$
 $= \text{ — } = \text{ — } \text{ — }$

e. $\frac{7}{11} + \frac{4}{11}$
 $= \text{ — } = \text{ — } \text{ — }$

f. $\frac{8}{10} + \frac{9}{10}$
 $= \text{ — } = \text{ — } \text{ — }$

g. $\frac{11}{12} + \frac{1}{12}$
 $= \text{ — } = \text{ — } \text{ — }$

h. $\frac{19}{20} + \frac{4}{20}$
 $= \text{ — } = \text{ — } \text{ — }$

When the denominators are different, use their L.C.M. of the denominators to make them the same.

i. $\frac{3}{5} + \frac{1}{2}$

L.C.M. = _____

— + —

= — = — —

j. $\frac{5}{8} + \frac{3}{4}$

L.C.M. = _____

— + —

= — = — —

k. $\frac{3}{4} + \frac{5}{6}$

L.C.M. = _____

— + —

= — = — —

l. $\frac{7}{10} + \frac{1}{4}$

L.C.M. = _____

— + —

= — = — —

Sometimes, the answer can be reduced.

5m. $\frac{3}{4} - \frac{5}{12}$

L.C.M. = _____

= _____ = _____

n. $\frac{7}{10} - \frac{1}{2}$

L.C.M. = _____

= _____ = _____

N.B. $1 = \frac{2}{2}, \frac{3}{3}, \frac{4}{4}, \frac{5}{5}$ etc.

o. $1 - \frac{15}{18}$

= _____ = _____

p. $1 - \frac{18}{24}$

= _____ = _____

q. $\frac{4}{5} + \frac{3}{10}$

L.C.M. = _____

_____ + _____

= _____ = _____

r. $\frac{3}{4} + \frac{5}{6}$

L.C.M. = _____

_____ + _____

= _____ = _____

