# 10. Fractions

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

**a.** $\frac{3}{4} + \frac{2}{4}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

**b.** $\frac{4}{5} + \frac{3}{5}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

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**c.** $\frac{7}{8} + \frac{4}{8}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

**d.** $\frac{9}{12} + \frac{8}{12}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

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**e.** $\frac{7}{11} + \frac{4}{11}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

**f.** $\frac{8}{10} + \frac{9}{10}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

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**g.** $\frac{11}{12} + \frac{1}{12}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$

**h.** $\frac{19}{20} + \frac{4}{20}$

$= \frac{\quad}{\quad} = __\frac{\quad}{\quad}$



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**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. = _____**

$\frac{\quad}{\quad} + \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

**L.C.M. = _____**

$\frac{\quad}{\quad} + \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

**L.C.M. = _____**

$\frac{\quad}{\quad} + \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

**L.C.M. = _____**

$\frac{\quad}{\quad} + \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

**Sometimes, the answer can be reduced.**



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

**L.C.M. = _____**

$\frac{\quad}{\quad} - \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

**L.C.M. = _____**

$\frac{\quad}{\quad} - \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

$\frac{\quad}{\quad} - \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

$\frac{\quad}{\quad} - \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

**L.C.M. = _____**

$\frac{\quad}{\quad} + \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

**L.C.M. = _____**

$\frac{\quad}{\quad} + \frac{\quad}{\quad}$

$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$



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