

## Order of Operations (BEDMAS) with Fractions and Mixed Numbers

1. Evaluate.

a)  $\left(\frac{1}{2} + \frac{1}{3}\right) \times \frac{2}{5}$

b)  $\frac{7}{8} - \frac{1}{4} \times \frac{1}{2}$

c)  $\frac{5}{6} + \frac{2}{3} \div \frac{1}{4}$

d)  $\frac{5}{16} - \frac{11}{10} \div \frac{22}{5}$

e)  $\left(\frac{2}{3} - \frac{1}{4}\right) + \left(\frac{1}{2} \times \frac{1}{3}\right)$

f)  $\frac{4}{5} + \frac{1}{2} - \frac{1}{3}$

g)  $\left(\frac{3}{4} + \frac{2}{3}\right) \times \frac{1}{2}$

h)  $\frac{2}{3} + \frac{1}{3} \times \frac{1}{2}$

i)  $\frac{7}{8} + \frac{1}{4} \times \left(\frac{3}{2} - \frac{5}{8}\right)$

j)  $\left(\frac{10}{7} - \frac{1}{2}\right) \times \left(\frac{2}{3} + \frac{5}{6}\right)$

k)  $\frac{3}{4} - \frac{12}{7} \div \frac{12}{21} + \frac{4}{5}$

l)  $\frac{5}{2} \times \left(\frac{2}{3} - \frac{1}{5}\right) - \left(\frac{2}{5} + \frac{4}{3}\right)$

2. Evaluate.

a)  $2\frac{1}{2} + \left(3\frac{1}{4} - 1\frac{7}{8}\right)$

b)  $\left(2\frac{1}{2} - 1\frac{1}{3}\right) \times 3\frac{1}{7}$

c)  $1\frac{1}{4} + 2\frac{1}{3} \div \frac{1}{6}$

d)  $2\frac{1}{10} + 1\frac{1}{2} - 1\frac{1}{15}$

e)  $\left(1\frac{1}{2} + 2\frac{3}{4}\right) - \left(4\frac{1}{2} - 3\frac{3}{4}\right)$

f)  $2\frac{1}{2} \times 1\frac{1}{2} \div \left(1\frac{1}{5} - \frac{3}{4}\right)$

g)  $2\frac{1}{2} + 1\frac{1}{3} \times \left(\frac{2}{5} + 1\frac{1}{3}\right)$

h)  $4\frac{1}{2} \times 1\frac{1}{4} + 2\frac{1}{2} \times 1\frac{1}{4} + 3\frac{1}{4}$