

# MORE PRACTICE: ORDER OF OPERATIONS

Brackets

Exponents

Division

Multiplication } in order as they appear

Addition

Subtraction } in order as they appear

Note: If the question is a fraction,  
you should answer as  
a fraction!

Calculate. SHOW ALL WORK IN PROPER MATHEMATICAL FORM!

a)  $3\frac{1}{4} - 2\frac{1}{3} \times \frac{3}{4}$

g)  $2 \times \left[ 1\frac{1}{2} + (3.3 - 1.1) \right]$

b)  $6\frac{1}{2} + 3\frac{2}{5} \times \frac{5}{6}$

h)  $\left[ \frac{3}{4} + \left( 2 - \frac{1}{2} \right) \right] + 1\frac{5}{7}$

c)  $\left[ \left( 1\frac{3}{4} - \frac{1}{2} \right) \div 4 \right] \times 2$

i)  $\left[ (10 - 8) - 1\frac{6}{7} \right] + \left[ 9 - \left( 4 - \frac{5}{7} \right) \right]$

d)  $\left( 8.2 - \frac{1}{5} \right) + [3 \div (6 \times 2)]$

j)  $\frac{\frac{1}{4} + \frac{1}{3}}{1\frac{1}{2} - \frac{1}{6}}$

e)  $\left[ 3 \times \left( 1.75 - \frac{3}{4} \right) \right] + 3.5$

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

f)  $5.4 + \left[ 2 + \left( 1\frac{1}{4} \div \frac{3}{4} \right) \right]$

l)  $-(-2) \left( 1\frac{1}{4} \right) \left( -1\frac{1}{2} \right) - \frac{2}{4}$

## Answer Key

a)  $1\frac{1}{2}$

b)  $9\frac{1}{3}$

c)  $\frac{5}{8}$

d)  $8\frac{1}{4}$

e)  $6\frac{1}{2}$

f)  $9\frac{1}{15}$

g)  $7\frac{2}{5}$

h)  $3\frac{27}{23}$

i)  $5\frac{6}{7}$

j)  $\frac{7}{16}$

k) 0

l)  $-3\frac{17}{20}$