

1 Work out, alternating in each section between **supressing conveniently brackets** or **calculating expressions inside of brackets** (as in the examples):

$$\text{a) } \frac{1}{2} - \left(\frac{3}{5} + \frac{2}{3} \right) = \frac{1}{2} - \frac{3}{5} - \frac{2}{3} = \frac{15 - 18 - 20}{30} = \frac{-23}{30} \leftarrow \text{supressing brackets}$$

$$\text{b) } \frac{7}{4} - \left(\frac{4}{3} - \frac{1}{2} \right) = \frac{7}{4} - \frac{8-3}{6} = \frac{7}{4} - \frac{5}{6} = \frac{42-20}{24} = \frac{22}{24} = \frac{11}{12} \leftarrow \text{calculating expressions inside of brackets}$$

$$\text{c) } \frac{2}{5} - \left(\frac{1}{2} - \frac{4}{3} \right) =$$

$$\text{d) } \left(\frac{5}{8} + \frac{1}{6} \right) - \left(\frac{1}{2} - \frac{2}{3} \right) =$$

$$\text{e) } \frac{5}{2} - \left(1 + \frac{1}{3} - \frac{4}{5} \right) =$$

$$\text{f) } \frac{2}{3} + \left(2 + \frac{4}{5} \right) - \left(\frac{1}{3} - \frac{3}{4} \right) =$$

$$\text{g) } 1 - \left(\frac{2}{9} - \frac{1}{3} \right) + \frac{3}{4} =$$

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

$$\text{i) } 1 - \left[\left(\frac{2}{7} - \frac{1}{3} \right) + \frac{3}{2} \right] =$$

Write the solution with the irreducible fraction. You have to write the fraction like a/b. For example: -2/3