

**Rational Numbers: Worksheet -6**

1.  $\left(\frac{-3}{2} \times \frac{4}{5}\right) + \left(\frac{9}{5} \times \frac{-10}{3}\right) - \left(\frac{1}{2} \times \frac{3}{4}\right)$

2.  $\left(\frac{-7}{18} \times \frac{15}{-7}\right) - \left(1 \times \frac{1}{4}\right) + \left(\frac{1}{2} \times \frac{1}{4}\right)$

3.  $\left(\frac{3}{2} \times \frac{1}{6}\right) + \left(\frac{5}{3} \times \frac{7}{2}\right) - \left(\frac{13}{8} \times \frac{4}{3}\right)$

4.  $\frac{3}{11} \times \left(\frac{-5}{6}\right) \times \left(\frac{-22}{9}\right) \times \left(\frac{-9}{5}\right)$

5. Simplify:

(i)  $\frac{10}{3} \div \frac{-35}{12}$

(ii)  $-6 \div \frac{-8}{17}$

(iii)  $\frac{-8}{9}$  by  $\frac{4}{3}$

(iv)  $\frac{-8}{13}$  by  $\frac{3}{-26}$

