REVIEW EXERCISE

1. Find the sum of the following :

   (*i*) $\frac{9}{13}$ and $\frac{6}{13}$ (*ii*) $\frac{-5}{7}$ and $\frac{2}{-7}$ (*iii*) $\frac{-2}{9}$ and $\frac{5}{-9}$ (*iv*) $\frac{-6}{11}$ and $\frac{9}{-11}$

2. Simplify :

   (*i*) $\frac{7}{-12} + \left(\frac{5}{-13}\right)$ (*ii*) $\frac{-7}{16} + \frac{8}{24}$ (*iii*) $\frac{4}{7} + \left(\frac{-3}{5}\right)$

3. Subtract :

   (*i*) $\frac{-3}{7}$ from $\frac{-5}{8}$ (*ii*) $\frac{12}{25}$ from $\frac{13}{15}$ (*iii*) $\frac{-4}{7}$ from $\frac{-3}{10}$ (*iv*) $\frac{-5}{-9}$ from 0

4. Simplify :

   (*i*) $\frac{-19}{48} \times 16$ (*ii*) $\frac{-7}{6} \times \left(\frac{24}{-42}\right)$ (*iii*) $\frac{-9}{5} \times \frac{125}{72}$

5. Find the reciprocal of :

   (*i*) $\frac{3}{2} \times \frac{2}{7}$ (*ii*) $\frac{-15}{2} \times \frac{10}{9}$ (*iii*) $\frac{-6}{4} \times \left(\frac{-3}{5}\right)$

6. Divide :

   (*i*) 2 by $\frac{1}{4}$ (*ii*) $\frac{-3}{4}$ by $\frac{12}{10}$ (*iii*) -7 by $\left(\frac{1}{-9}\right)$

7. What number should be multiplied by $\frac{13}{6}$ to get $\frac{-3}{7}$?

8. The product of two rational numbers is 8. If one of the numbers is $\frac{-16}{5}$, find the other.

9. By what number $\frac{-8}{13}$ should be divided to get $\frac{16}{3}$?