

EXERCISE 9.2



1. Find the sum:

$$(i) \frac{5}{4} + \left(\frac{-11}{4}\right)$$

$$(ii) \frac{5}{3} + \frac{3}{5}$$

$$(iii) \frac{-9}{10} + \frac{22}{15}$$

$$(iv) \frac{-3}{-11} + \frac{5}{9}$$

$$(v) \frac{-8}{19} + \frac{(-2)}{57}$$

$$(vi) \frac{-2}{3} + 0$$

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

2. Find

$$(i) \frac{7}{24} - \frac{17}{36}$$

$$(ii) \frac{5}{63} - \left(\frac{-6}{21}\right)$$

$$(iii) \frac{-6}{13} - \left(\frac{-7}{15}\right)$$

$$(iv) \frac{-3}{8} - \frac{7}{11}$$

$$(v) -2\frac{1}{9} - 6$$

3. Find the product:

$$(i) \frac{9}{2} \times \left(\frac{-7}{4}\right)$$

$$(ii) \frac{3}{10} \times (-9)$$

$$(iii) \frac{-6}{5} \times \frac{9}{11}$$

$$(iv) \frac{3}{7} \times \left(\frac{-2}{5}\right)$$

$$(v) \frac{3}{11} \times \frac{2}{5}$$

$$(vi) \frac{3}{-5} \times \frac{-5}{3}$$

4. Find the value of:

$$(i) (-4) + \frac{2}{3}$$

$$(ii) \frac{-3}{5} + 2$$

$$(iii) \frac{-4}{5} + (-3)$$

$$(iv) \frac{-1}{8} + \frac{3}{4}$$

$$(v) \frac{-2}{13} + \frac{1}{7}$$

$$(vi) \frac{-7}{12} + \left(\frac{-2}{13}\right)$$

$$(vii) \frac{3}{13} + \left(\frac{-4}{65}\right)$$