Answer :

(i)

$$\frac{3}{4} + \frac{5}{6} + \frac{-7}{8}$$

$$= \frac{18}{24} + \frac{20}{24} + \frac{-21}{24}$$

$$= \frac{18 + 20 + (-21)}{24}$$

$$= \frac{18 + 20 - 21}{24}$$

$$= \frac{17}{24}$$

(ii)

$$\frac{2}{3} + \frac{-5}{6} + \frac{-7}{9}$$

$$= \frac{12}{18} + \frac{-15}{18} + \frac{-14}{18}$$

$$= \frac{12 + (-15) + (-14)}{18}$$

$$= \frac{12 - 15 - 14}{18}$$

$$= \frac{-17}{18}$$

(iii)

$$\frac{-11}{2} + \frac{7}{6} + \frac{-5}{8}$$

$$= \frac{-132}{24} + \frac{28}{24} + \frac{-15}{24}$$

$$= \frac{(-132) + 28 + (-15)}{24}$$

$$= \frac{-132 + 28 - 15}{24}$$

$$= \frac{-119}{24}$$

(iv)

$$\frac{-4}{5} + \frac{-7}{10} + \frac{-8}{15}$$

$$= \frac{-24}{30} + \frac{-21}{30} + \frac{-16}{30}$$

$$= \frac{(-24) + (-21) + (-16)}{30}$$

$$= \frac{-24 - 21 - 16}{30}$$

$$= \frac{-61}{30}$$

(v)

$$\frac{-9}{10} + \frac{22}{15} + \frac{13}{-20}$$

$$= \frac{-54}{60} + \frac{88}{60} + \frac{-39}{60}$$

$$= \frac{(-54) + 88 + (-39)}{60}$$

$$= \frac{-54 + 88 - 39}{60}$$

$$= \frac{-5}{60}$$

$$= \frac{-1}{12}$$

(vi)

$$\frac{5}{3} + \frac{3}{-2} + \frac{-7}{3} + 3$$

$$= \frac{10}{6} + \frac{-9}{6} + \frac{-14}{6} + \frac{18}{6}$$

$$= \frac{10 + (-9) + (-14) + 18}{6}$$

$$= \frac{10 - 9 - 14 + 18}{6}$$

$$= \frac{5}{6}$$

********** END *********