



Concept_HW_G8_Operations on Rational Numbers

Add the following rational numbers:

- (i) $\frac{5}{6}$ and $\frac{7}{9}$
- (ii) $\frac{3}{4}$ and $-\frac{3}{5}$
- (iii) $\frac{5}{8}$ and $-\frac{7}{2}$
- (iv) $-\frac{8}{9}$ and $\frac{11}{6}$
- (v) $-\frac{5}{16}$ and $\frac{7}{24}$
- (vi) $\frac{7}{-18}$ and $\frac{8}{27}$
- (vii) $\frac{1}{-12}$ and $\frac{2}{-15}$
- (viii) -1 and $\frac{3}{4}$
- (ix) 2 and $-\frac{5}{4}$
- (x) 0 and $-\frac{2}{5}$

Evaluate each of the following:

(i) $2/3 - 3/5$

(ii) $-4/7 - 2/(-3)$

(iii) $4/7 - (-5)/(-7)$

(iv) $-2 - 5/9$

(v) $-3/-8 - (-2)/7$

(vi) $-4/13 - (-5)/26$

(vii) $-5/14 - (-2)/7$

(viii) $13/15 - 12/25$.