



Concept_CW_G8_Addition and Subtraction of Rational Numbers

1. Find the sum:

- (i) $4/3 + 3/5 + -2/3 + -11/5$
- (ii) $-8/3 + -1/4 + -11/6 + 3/8$
- (iii) $-13/20 + 11/14 + -5/7 + 7/10$
- (iv) $-6/7 + -5/6 + -4/9 + -15/7$

2. Simplify the expressions:

- (i) $-3/2 + 5/4 - 7/4$
- (ii) $5/3 - 7/6 + (-2)/3$
- (iii) $5/4 - 7/6 - (-2)/3$
- (iv) $-2/5 - (-3)/10 - (-4)/7$
- (v) $5/6 + (-2)/5 - (-2)/10$
- (vi) $3/8 - (-2)/9 + (-5)/36$

3. What should be added to $(2/3 + 3/5)$ to get $-2/15$?

4. What should be added to $(1/2 + 1/3 + 1/5)$ to get 3?

5. What should be subtracted from $(3/4 - 2/3)$ to get $-1/6$?