

Addition of integers :

like sign - Add } Sign always Greater
 Unlike sign - Subtract }
 (Greater no. - Smaller no.)

Example 1 - (i) 36 and 27

like sign $36 + 27 = 63$ ($36 > 27$)

(ii) -31 and -25

$$(-31) + (-25) = -56 \quad (31 > 25)$$

(iii) -47 and 18

Unlike sign $= -29$ ($47 > 18$)

(iv) (-29) and 52

$$= +23 \quad (52 > 29)$$

H.W.

Ques 1. Evaluate :

(i) $15 + (-8)$

(ii) $(-14) + 9$

(iii) $(-7) + (-23)$

(iv) $(-32) + 47$

(v) $53 + (-26)$

(vi) $(-48) + (-36)$

Ques 2. Find the sum of :

(i) 153 and -302

(ii) 1005 and -277

(iii) -2035 and 297

(iv) -489 and -324

(v) -1000 and 438

(vi) -238 and 500