Addition of Integers

Rules in Addition of Integers

1. If the addends have the same sign, the numbers are added, and the common sign is affixed to the sum.

Ex: a.

(+7)
+ (+4)
+ 11

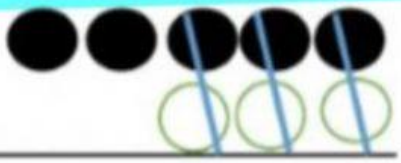
b.

(- 4)
+ (- 3)
-7

c. (+45) + (+23) = 78

d. (- 57) + (- 25) = - 82

2. If the addends have different sign, the signs are first disregarded and the difference between the numbers is obtained. The sign of the greater number is affixed to the answer.

Ex: a. 

(+ 5)
+ (-3)
+ 2

b. . (+ 89) + (- 34) = + 55

c. (- 94) + (+ 43) = - 51

DIRECTIONS: Find the sum of the numbers using the rules of addition given above.

Activity 1

1. 10 + (-9) =
2. -22 + 13 =
3. -18 + 6 =
4. 30 + (-30) =
5. -20 + 17 =

Activity 2

6. -35 + (-5) =
7. 22 + 13 =
8. -45 + (-45) =
9. -38 + (-60) =
10. 20 + 17 =

LIVEWORKSHEETS