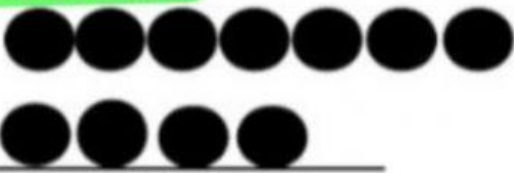


Addition of Integers

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.

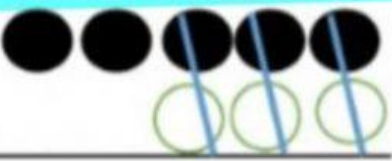
Ex: a.  $(+7)$
 $+ (+4)$
 $+ 11$

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

b.  (-4)
 $+ (-3)$
 -7

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. $20 + 17 =$