



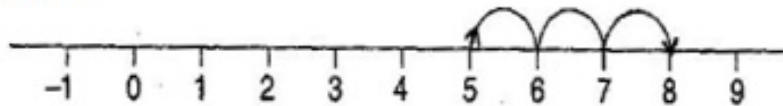
NCERT SOLUTIONS FOR CLASS 6 MATHS INTEGERS  
EXERCISE 6.2

**Q1.** Using the number line write the integer which is:

- (a) 3 more than 5
- (b) 5 more than  $-5$
- (c) 6 less than 2
- (d) 3 less than  $-2$

**Ans:**

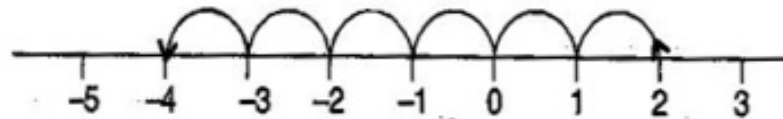
- (a) 8



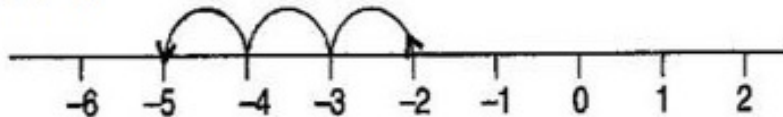
- (b) 0



- (c)  $-4$



- (d)  $-5$



**Q2.** Use number line and add the following integers:

(a)  $9 + (-6)$

(b)  $5 + (-11)$

(c)  $(-1) + (-7)$

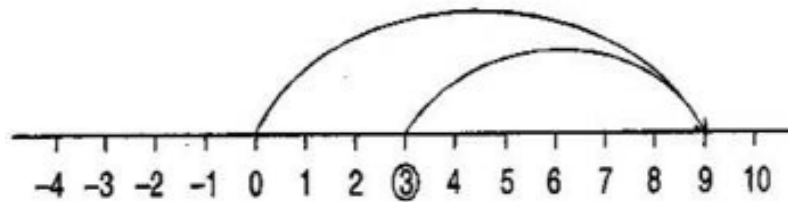
(d)  $(-5) + 10$

(e)  $(-1) + (-2) + (-3)$

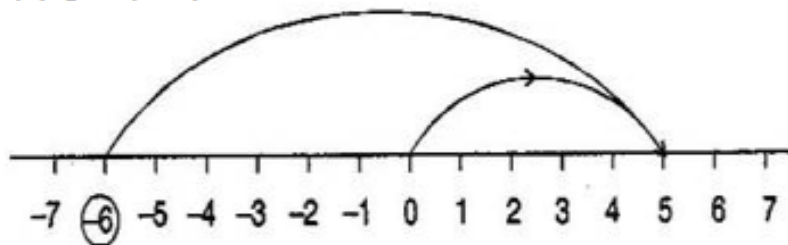
(f)  $(-2) + 8 + (-4)$

**Ans:**

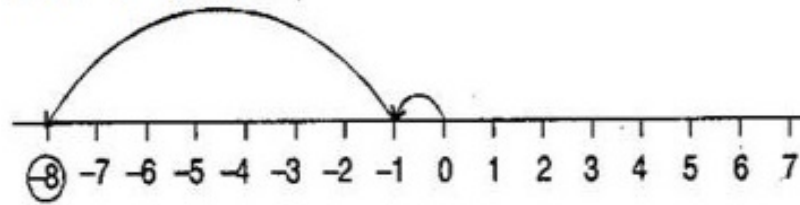
(a)  $9 + (-6) = 3$



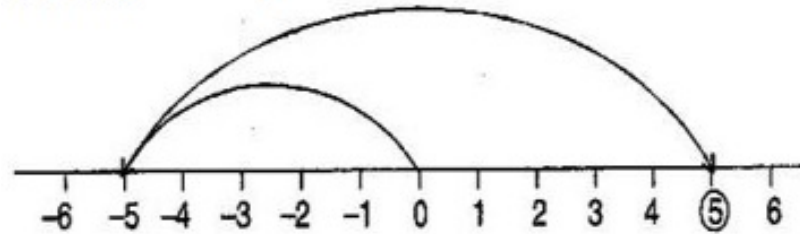
(b)  $5 + (-11) = -6$



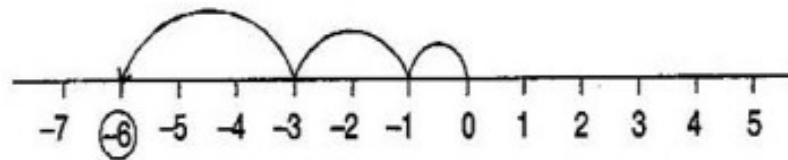
(c)  $(-1) + (-7) = -8$



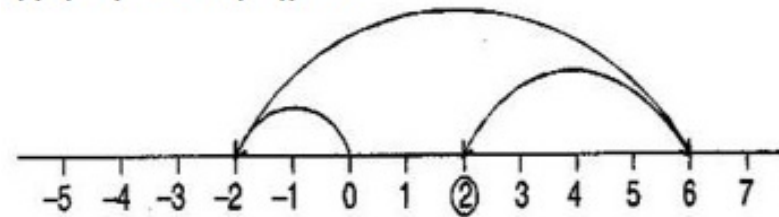
(d)  $(-5) + 10 = 5$



(e)  $(-1) + (-2) + (-3) = -6$



(f)  $(-2) + 8 + (-4) = 2$



**Q3.** Add without using number line:

(a)  $11 + (-7)$

(b)  $(-13) + (+18)$

(c)  $(-10) + (+19)$

(d)  $(-250) + (+150)$

(e)  $(-380) + (-270)$

(f)  $(-217) + (-100)$

**Ans:**

(a)  $11 + (-7) = 11 - 7 = 4$

(b)  $(-13) + 18 = 5$

(c)  $(-10) + (+19) = -10 + 19 = 9$

(d)  $(-250) + (+150) = -250 + 150 = -100$

(e)  $(-380) + (-270) = -380 - 270 = -650$

(f)  $(-217) + (-100) = -217 \vee 100 = -317$

**Q4.** Find the sum of:

(a)  $137$  and  $-354$

(b)  $-52$  and  $52$

(c)  $-213$ ,  $39$  and  $192$

(d)  $-50$ ,  $-200$  and  $300$

**Ans:**

(a)  $137 + (-354) = 137 - 354 = -217$

(b)  $(-52) + 52 = 0$

(c)  $(-213) + 39 + 192 = -213 + 231 = -81$

(d)  $(-50) + (-200) + 300 = -50 - 200 + 300$   
 $= -250 + 300 = 50$

**Q5.** Find the value of:

(a)  $(-7) + (-9) + 4 + 16$

(b)  $37 + (-2) + (-65) + (-8)$

**Ans:**

(a)  $(-7) + (-9) + 4 + 16$

$= -7 - 9 + 4 + 16$

$= -16 + 20$

$= 4$

(b)  $37 + (-2) + (-65) + (-8)$

$= 37 - 2 - 65 - 8$

$= 37 - 75$

$= -38$

\*\*\*\*\* END \*\*\*\*\*