



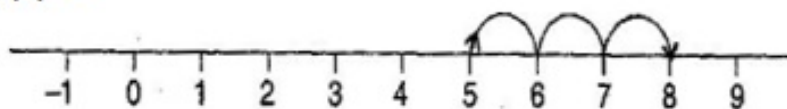
NCERT SOLUTIONS FOR CLASS 6 MATHS INTEGERS
EXERCISE 6.2

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

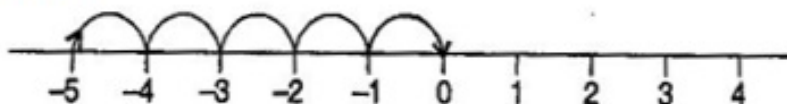
- (a) 3 more than 5
- (b) 5 more than -5
- (c) 6 less than 2
- (d) 3 less than -2

Ans:

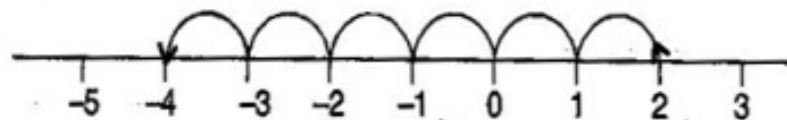
(a) 8



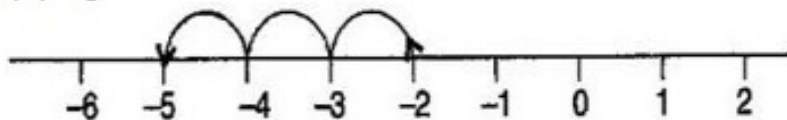
(b) 0



(c) -4



(d) -5



Q2. Use number line and add the following integers:

(a) $9 + (-6)$

(b) $5 + (-11)$

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

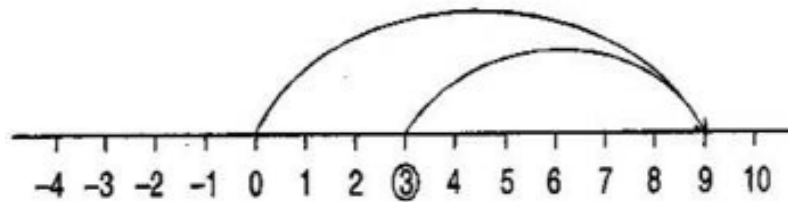
(d) $(-5) + 10$

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

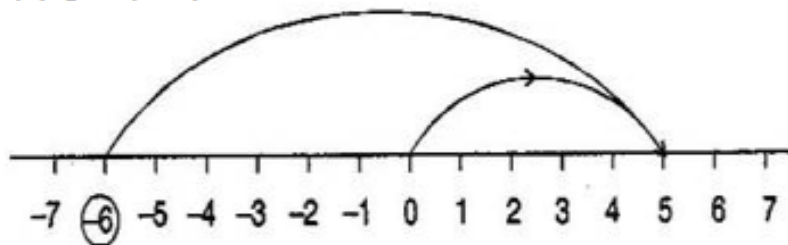
(f) $(-2) + 8 + (-4)$

Ans:

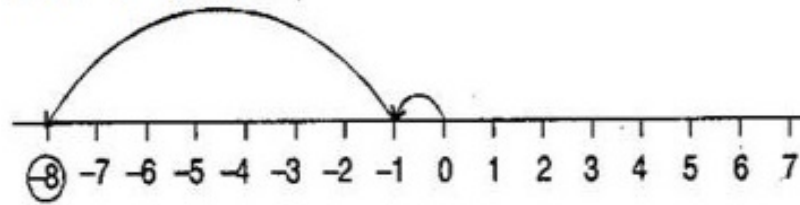
(a) $9 + (-6) = 3$



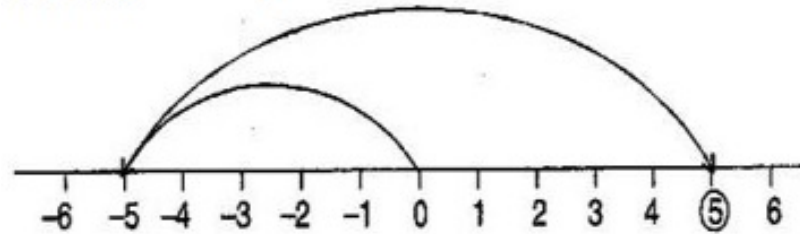
(b) $5 + (-11) = -6$



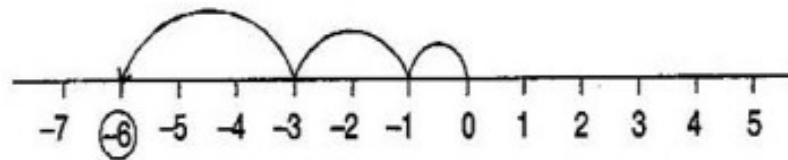
(c) $(-1) + (-7) = -8$



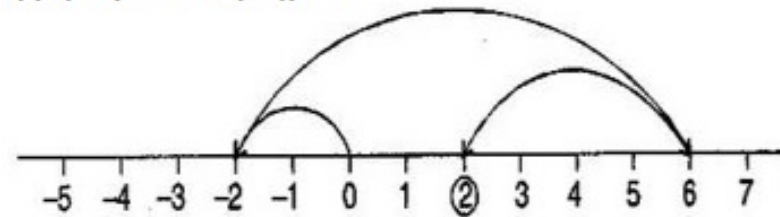
(d) $(-5) + 10 = 5$



(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 *****