

VI - Mathematics Assignment No - 3 - Integers

- Q1. Subtract (-5) from 5
- Q2. Add 3 and (-15) to the addition of 17 and (-5)
- Q3. Simplify
- $15 + (-5) + 15 + (-7)$
 - $34 + (-20) + 16 + (-10)$
 - $32 + 16 + 9 + (-70)$
 - $(-3) + (-2) + (-5) + 7$
- Q4. Subtract $34 + (-17)$ from 50
- Q5. What should be added to (-50) to become 71
- Q6. What should be subtracted from (-73) to get 100
- Q7. Anil has a Rs 10 note. He purchased a pencil of 75P and a rubber of 50P . How much money he has now?
- Q8. Find an integer x such that
- $1 + x = 0$
 - $x + 6 = 0$
 - $(-10) + x = 0$
 - $x + 0 = 0$

Q9. Find the value of.

$$1+2-3+4-5+6-7+8-9+10-11+\dots\dots\dots 16-17+18-19$$

Q10 Calculate the sum of

$$3+(-3)+3+(-3)+\dots\dots\dots$$

if the number of terms is 100

(i) the number of terms is 99

(ii) the number of terms is 98

Q11 The sum of two integers is 94. If one of them is -25, find the other.

Q12. The sum of two integers is -320.
If one of them is +80, find the other.

ANSWERS:

Q1 10	(Q4) 33	(Q9) (-8)
Q2. 0	(Q5) 121	(Q10) (i) 0
Q3 (i) 18 (ii) 20 (iii) -13 (iv) (-3)	(Q6) -173 (Q7) Rs 8.75 (Q8) (i) -1 (ii) -6 (iii) 10 (iv) 0	(Q11) 119 (Q12) -400 (ii) +3