

2023-24

REVISION TEST

(Integers)

CLASS - VII

MATHEMATICS

Time: 40 minutes



1. The product of 120 negative integers and 3 positive integers is [1]
(a) positive (b) negative (c) 0 (d) can't say
2. The difference in temperature -70°C and $+70^{\circ}\text{C}$ is [1]
(a) 0 (b) 140 (c) 70 (d) -70
3. The multiplicative identity of integers is [1]
(a) 1 (b) 0 (c) -1 (d) None of these
4. On dividing a negative integer by itself, the quotient is [1]
(a) 1 (b) -1 (c) 0 (d) a negative integer
5. By which integer should 675 be divided with, to get the quotient -675? show it. [2]
6. The product of three integers is -60. If two of them are -2 and -3, then find the third integer. [2]
7. What should be divided by -18 to get the quotient 8? [2]
8. A tanker contains 400 litres of milk. Due to a small hole in the tanker the quantity of milk is decreasing at the rate of 9 liters per hour. What will be the quantity of milk in tanker after 10 hours? [3]
9. Simplify using suitable properties [3]
(a) $12 \times (-6) + (-6) \times 12$
(b) $25 \times (-109)$
10. A shopkeeper earns a profit of ₹10 on selling a pencil box and incurs a loss of ₹5 while selling an eraser. [4]
(a) In a particular month, he incurs a loss of ₹50. In this period if he has sold 25 pencil boxes, how many erasers did he sell?
(b) In the next month, he earns neither profit nor loss. If he sold 50 pencil boxes, how many erasers did he sell?