**ASSIGNMENT – 1**

 **CHAPTER – INTEGERS**

**STD. VII SUBJECT- MATHS**

1. **Solve :**
2. **39 ÷ (– 13) = \_\_\_\_\_\_\_ =\_\_\_\_\_\_\_\_ =\_\_\_\_\_\_\_\_\_**

 **b) 151 + \_\_\_\_\_ = – 151**

**c) (– 200) ÷(– 10) = \_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_**

 **d) 213 + \_\_\_\_\_\_\_ = – 1**

1. **– 25 ÷ 5 = \_\_\_\_\_\_\_\_\_\_= \_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_ ÷ (– 1) = 5**

**g )(– 85) + \_\_\_\_\_\_ = 85 h) (–79) + (79) = \_\_\_\_\_\_\_\_**

 **i ) (– 38) ÷ (– 38) = \_\_\_\_\_\_\_ = \_\_\_\_\_\_**

 **j) – 56 x 10 = \_\_\_\_\_\_\_\_\_**

1. **Can we write a pair of integers whose sum is NOT an integer ?**
2. **Arrange in ascending Order :**

 **–3 x 2 +5, 7 – 6 ÷ 2, – 9 + (–3) x (–3), 2 – 2 – 2**

1. **A water tanker with a capacity of 550 L developed a leakage through which water was**

 **leaking at the rate of 50 mL per minute. How much water was left in the tanker after**

 **2 hours ?**

1. **Which is greater :**
2. **(5 + 9) x 10 or (5 – 9) x 10**
3. **[(–2) – 8 x (–6)] or (–2) + 8 x (–6)**
4. **Solve : 132 – [ (3 x 4) + 6 ] ÷ 7**
5. **Which of the following shows maximum rise in temperature :**
6. **23 0C to 320C b) – 10 0C to 50C c) – 18 0C to – 11 0C d) – 5 0C to 50C**
7. **Which of the following is not an integer after simplification:-**
8. **0 ÷ (– 7) b) 28 ÷ (– 4) c) – 12 ÷ (4) d) – 9 ÷ (– 3)**
9. **Write the additive inverse of -5**
10. **write and expand the distributive property for the integers.**
11. **Write the multiplicate inverse of 2/9.**
12. **Using property, solve the following**
13. **-325 x 75+325 x (-25)**
14. **108 x 625**
15. **-57 x 99 + (-57)**
16. **Verify the following for a= -1, b= 2, c= -3**

**a x (b –c) = a x b - a x c**