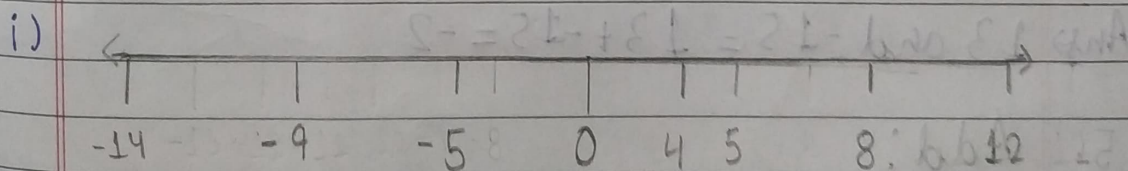
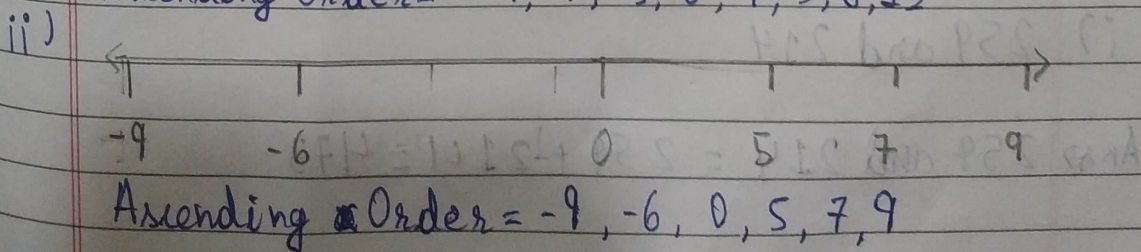


Exercise 6

1. Fill in the blanks.

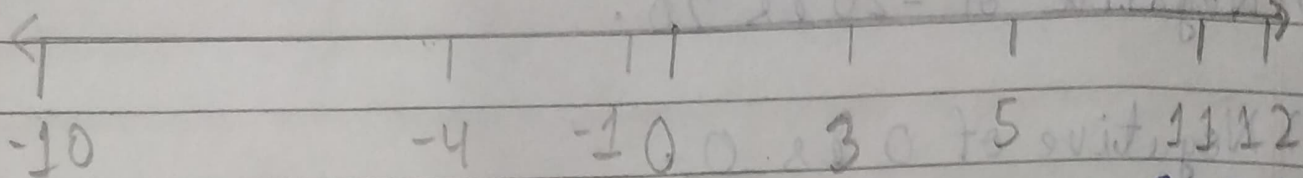
- i) Negative of -20 is 20 .
- ii) Negative of 0 is 0 .
- iii) Negative of 8 is -8 .
- iv) If going south is negative then going north is positive.
- v) If 10 represents gain of $\text{₹}10$, then -10 represents loss of $\text{₹}10$.
- vi) Because $5 < 7$, therefore $-5 > -7$.
- vii) If $3 > -2$, then 3 is on the right of -2 .
- viii) If $-8 < -6$, then -8 is on the left of -6 .

2. Use a number line to write the following integers in ascending (increasing) order:

Ascending Order = $-14, -9, -5, 0, 4, 5, 8, 12$ Ascending Order = $-9, -6, 0, 5, 7, 9$

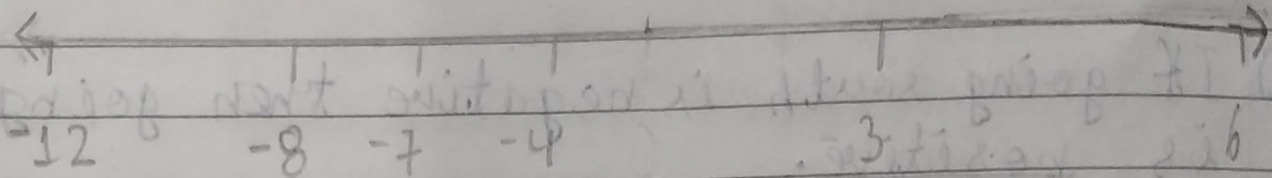
3. Use a number line to write the following integers in descending (decreasing) order:

i)



Descending order = $-10, -4, -1, 0, 3, 5, 11, 12$

ii)



11/05/21 Descending Order = $-12, -8, -7, -4, 3, 6$

4. Add:

i) 13 and 15

$$\text{Ans} \rightarrow 13 \text{ and } 15 = 13 + 15 = 28$$

ii) -13 and 15

$$\text{Ans} \rightarrow -13 \text{ and } 15 = -13 + 15 = 2$$

iii) 13 and -15

$$\text{Ans} \rightarrow 13 \text{ and } -15 = 13 + -15 = -2$$