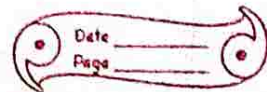


Hw
13/8/24

Exercise 6

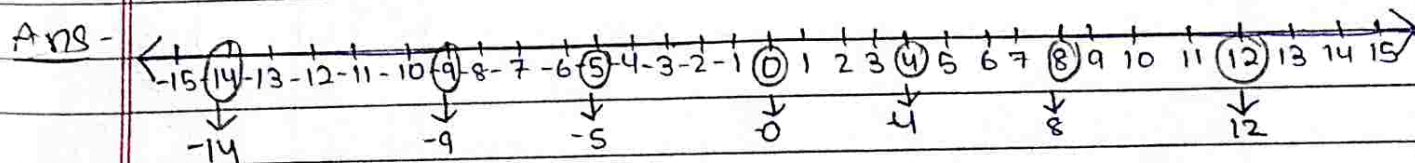


1. Fill in the blanks:

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

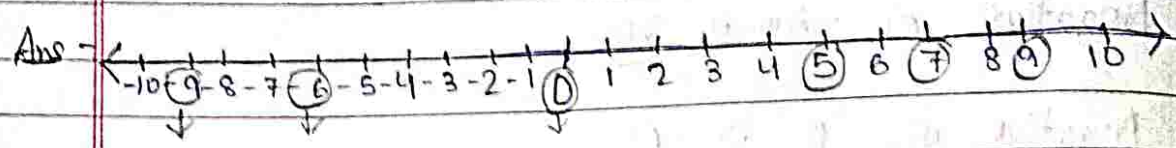
2. Use a number line to write the following integers in ascending (increasing) order:

(i) $-5, 8, 0, -9, 4, -14$ and 12



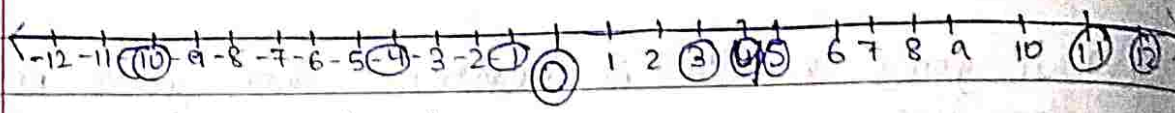
Ascending order = $-14 < -9 < -5 < 0 < 4 < 8 < 12$

(ii) $-6, 7, 0, -9, 5$ and $9 =$



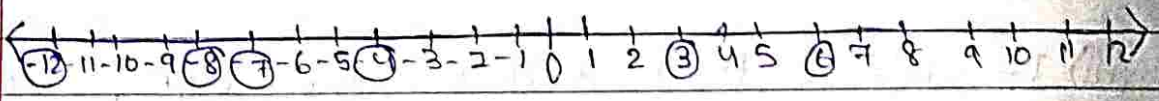
B. Use a number line to write the following integers in descending order:

(i) $-10, 0, 3, -4, 2, 11, -1$ and 5



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

(ii) $-4, 3, -8, -12, -7$ and 6



$= 6, 3, -4, -7, -8, -12$