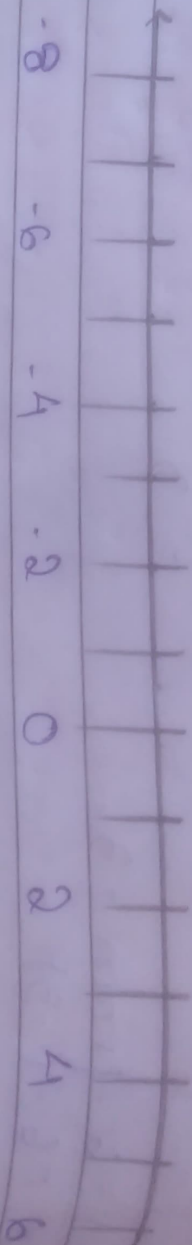


HW
10.5.2021
EX - 1 (A)

1. Fill in the blanks using the following numbers.



(i) An integer, on the given number line, is greater than every number of bits left.

(ii) An integer on the given number line is greater than every number to its left.

(iii) 2 is greater than -4 implies 2 is to the right of -4.

(iv) 3 is less than 2 and 3 is greater than -2.

(v) -4 is greater than -8 and 4 is less than 8.

- vi) 5 is greater than 2 and -5 is less than -2.
vii) -6 is less than 3 and opposite -6 is greater than opposite of 3.
viii) 8 is greater -5 and -8 is less than 5.

2.

- i) -15, -23 greater integer -15
ii) -12, 15 greater integer 15
iii) 0, 8 greater integer 8
iv) 0, -3 greater integer 0

3.

- i) 0, -6 smaller integer -6
ii) 2, -3 smaller integer -3
iii) 15, -51 smaller integer -51
iv) 13, 0 smaller integer 0

Q10
13.5.2021

EX-7 (A)

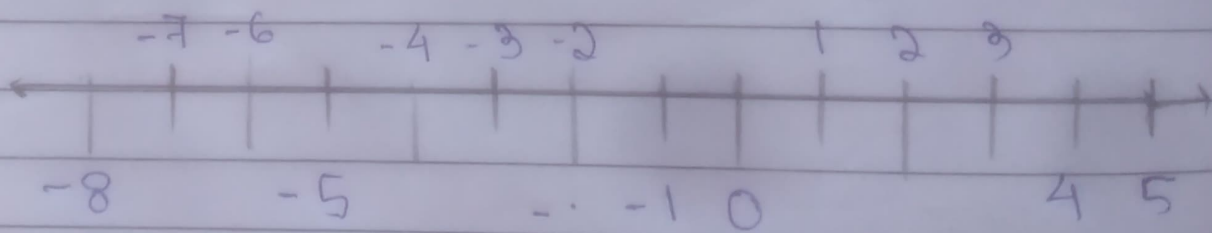
4. In each of the following pairs, replace *
< or > to make the statement true.

- i) $3 * 0 = 3 > 0$
- ii) $0 * -8 = 0 > -8$
- iii) $-9 * -3 = -9 < -3$
- iv) $-3 * 3 = -3 < 3$
- v) $5 * -1 = 5 > -1$
- vi) $-13 * 0 = -13 < 0$
- vii) $-8 * -18 = -8 > -18$

5. In each case, arrange the given integers in ascending order, under a no. line.

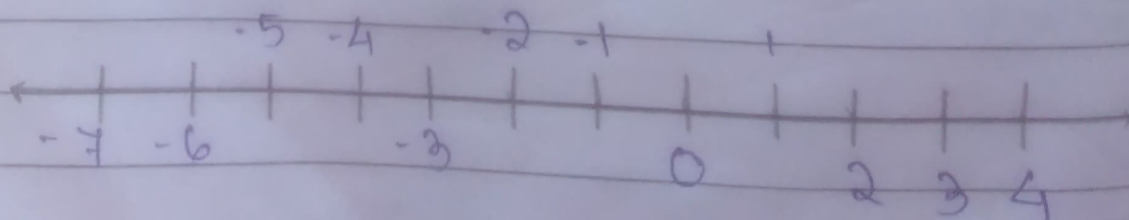
i) -8, 0, -5, 5, 4, -1

ans -8, -5, -1, 0, 4, 5



ii) 3, -3, 4, -7, 0, -6, 2

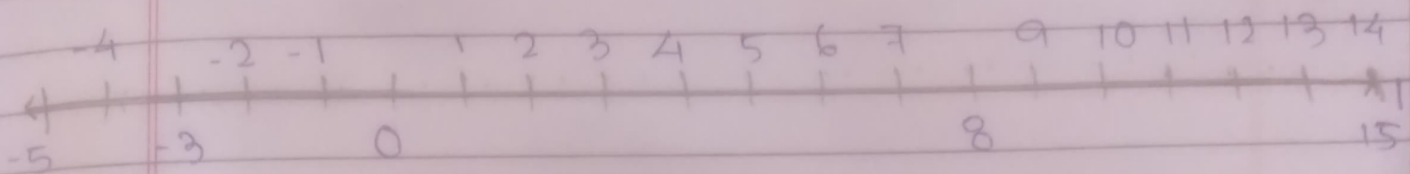
ans -7, -6, -3, 0, 2, 3, 4



6.

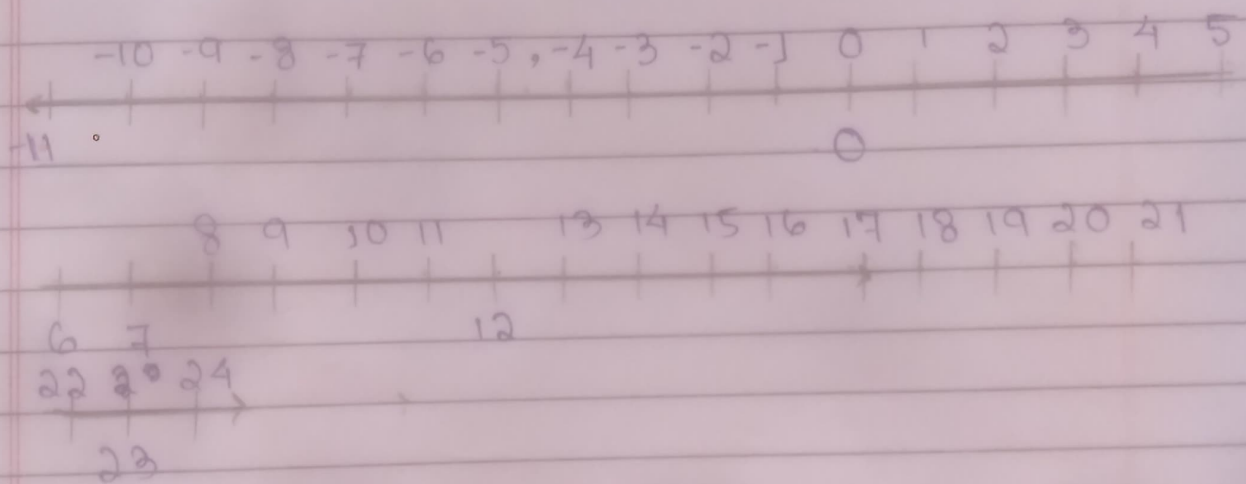
i) -5, -3, 8, 15, 0, -2

ans- 15, 8, 0, -2, -3, -5



ii) 12, 23, -11, 0, 7, 6

ans- 23, 12, 7, 6, 0, -11



7. true or false

i) The smallest integer is 0. False

ii) The opposite of -17 is 17. True

iii) The opposite of 0 is 0. True

iv) Every negative integer is smaller than 0. True

v) 0 is greater than every positive integer. False

(ii) Since zero is neither negative nor positive, it is not an integer. False

~~19/05/21~~