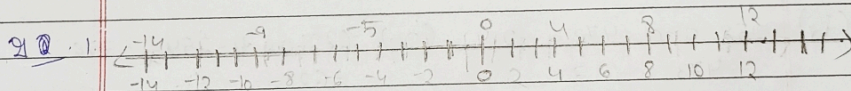


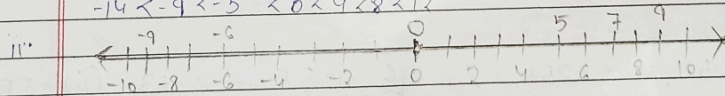
Exercise 6 - Fill up

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



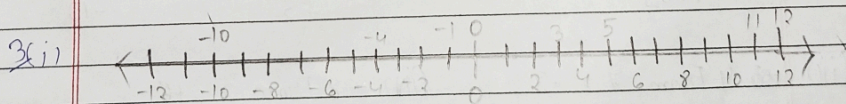
Given integers in ascending order are:

$$-14 < -9 < -5 < 0 < 4 < 8 < 12$$



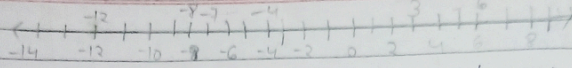
Given integers in ascending order are

$$-9 < -6 < 0 < 5 < 7 < 9$$



Given integers in descending order are:

$$12 > 11 > 5 > 3 > 0 > -1 > -4 > -10$$



Given integers in descending order are  
 $6 > 3 > -4 > -7 > -8 > -12$

4. 1.  $13 \text{ and } 15 = 28$  (2)  $-13 \text{ and } 15 = +2$  (3)  $13 \text{ and } -15 = -2$

13	+15	-15
+15	-13	+13
28	+2	-2

4. -13 and -15 = -28 5. (i) 259 and 214 = 473

-15	259
-13	+214
-28	473

(ii)  $528 \text{ and } -243 = -771$  (iii)  $-623 \text{ and } 326 = -297$

-528	-623
-243	+326
-771	-297

(iv)  $258 \text{ and } -473 = -215$  (v)  $-622 \text{ and } -254 = -876$

-473	-622
258	-254
-215	-876

(vi)  $257 \text{ and } -254 = +3$  (c) (i) 5 From 8 = +3 (ii) -5 From 8 = -13

257	8	8
-254	-5	-5
+3	+3	-13

(iii)  $4 \text{ From } -7 = -3$  (iii)  $-8 \text{ From } -2 = +6$

-7	-8
+4	-2
-3	+6

✓ -3 From 12 = 9    (vi) -6 From -3 = +3

$$\begin{array}{r} 12 \\ -3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} -6 \\ -3 \\ \hline +3 \end{array}$$

7: Subtract

ø -123 From 453 = +530    (ii) -78 From -12 = +66

$$\begin{array}{r} 453 \\ +123 \\ \hline 576 \\ -530 \\ \hline +46 \end{array}$$

$$\begin{array}{r} -78 \\ -12 \\ \hline +66 \end{array}$$

(iii) 329 From -124 = -453    (iv) -222 From 0

$$\begin{array}{r} 329 \\ +124 \\ \hline 453 \\ -453 \\ \hline - \end{array}$$

$$\begin{array}{r} -222 \\ +0 \\ \hline -222 \end{array}$$