EduSahara™ Assignment

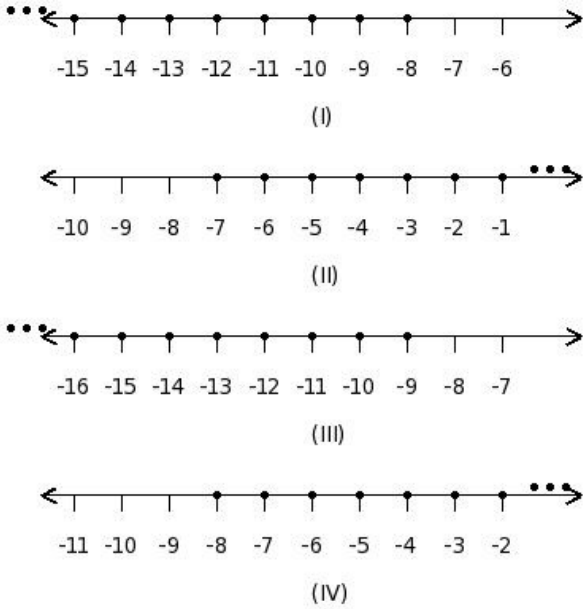
Name : Linear Inequations Graphical Solutions

Chapter : Linear Inequations

Grade : ICSE Grade VII

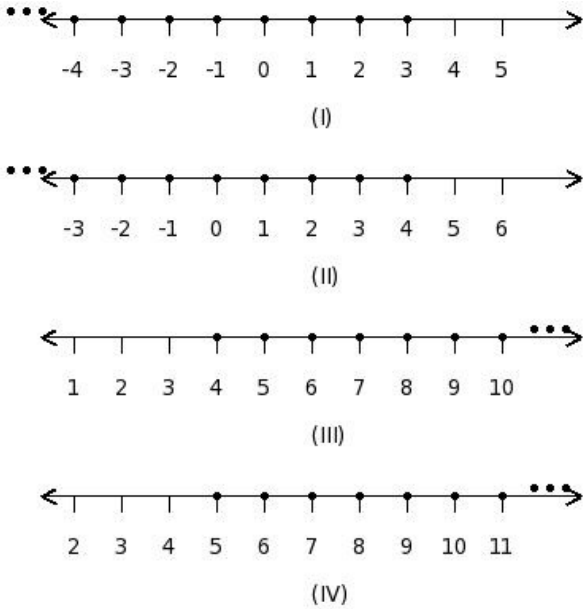
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1. Identify the solution for the inequality $(7x+56)<0, x\in Z$



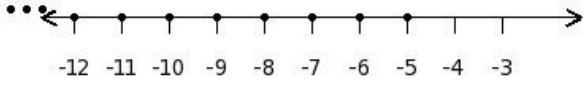

(i) I (ii) II (iii) IV (iv) III

2. Identify the solution for the inequality $(3x-12)>0, x\in Z$

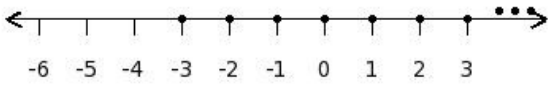



(i) IV (ii) II (iii) III (iv) I

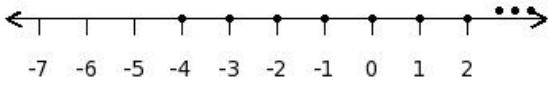
3. Identify the solution for the inequality $(9x+36) \leq 0, x \in Z$



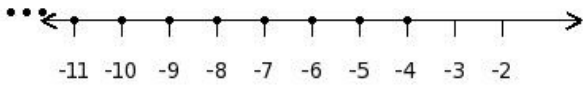

(I)




(II)



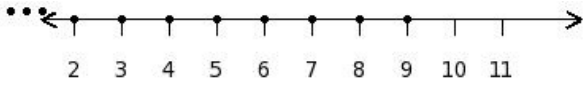

(III)



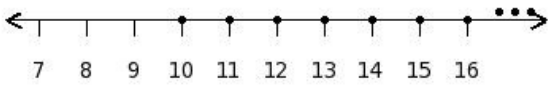

(IV)

(i) IV (ii) I (iii) II (iv) III

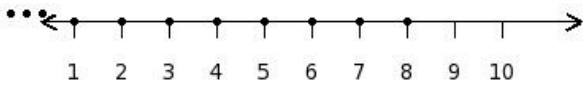
4. Identify the solution for the inequality $(-3x+27) \geq 0, x \in Z$



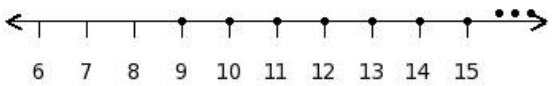

(I)




(II)



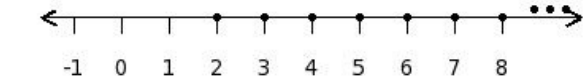

(III)



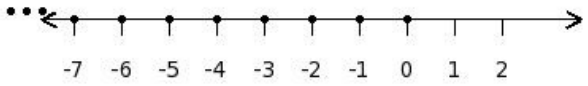

(IV)

(i) IV (ii) I (iii) III (iv) II

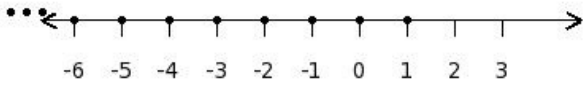
5. Which of the following figures represents the solution set {2,3,4,5,6,7,...}



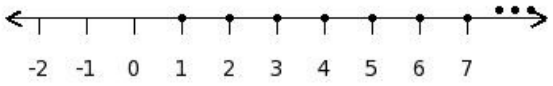

(I)




(II)



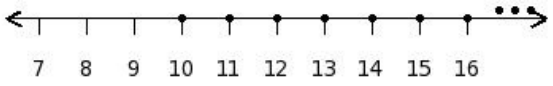

(III)



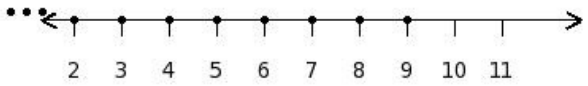

(IV)

(i) II (ii) IV (iii) III (iv) I

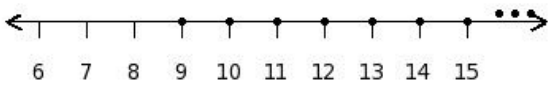
6. Which of the following figures represents the solution set {10,11,12,13,14,15,...}



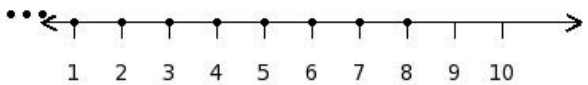

(I)




(II)



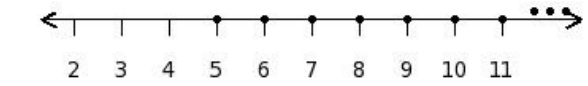

(III)



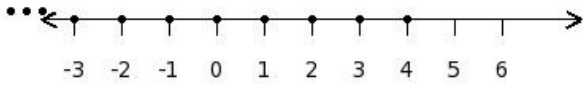

(IV)

(i) III (ii) IV (iii) II (iv) I

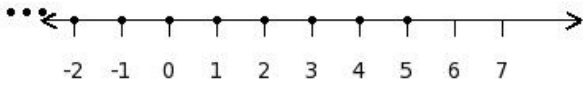
7. Which of the following figures represents the solution set {5,6,7,8,9,10,...}



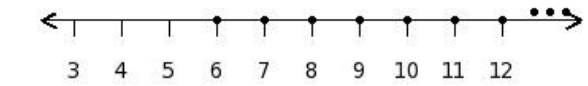

(I)




(II)



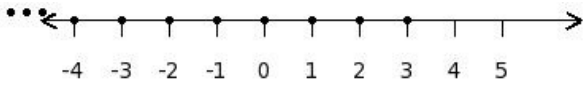

(III)



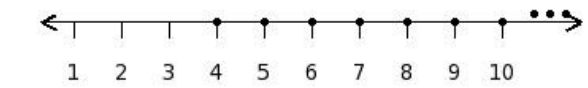

(IV)

(i) I (ii) II (iii) IV (iv) III

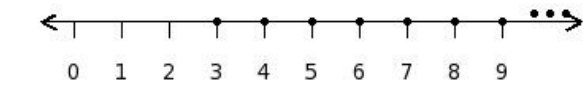
8. Which of the following figures represents the solution set {3,2,1,0,-1,-2,...}



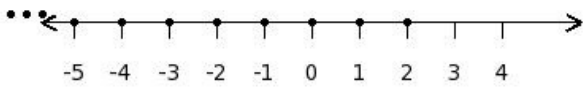

(I)




(II)



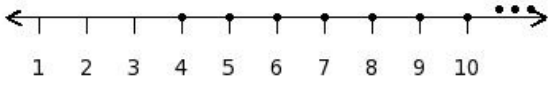

(III)



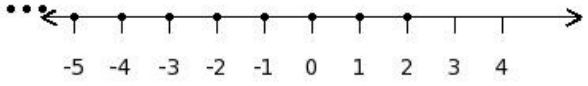

(IV)

(i) III (ii) IV (iii) I (iv) II

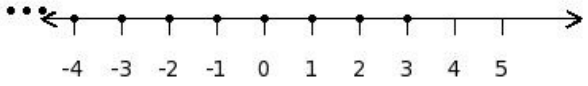
9. Identify the solution for the inequality $(4x-12)<0, x \in Z$



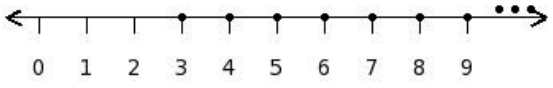

(I)




(II)



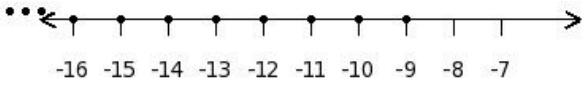

(III)



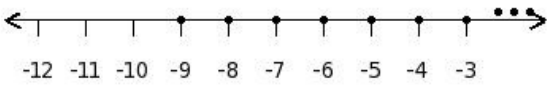

(IV)

(i) III (ii) I (iii) II (iv) IV

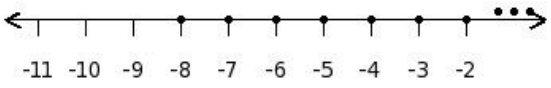
10. Identify the solution for the inequality $(3x+27)>0, x \in Z$



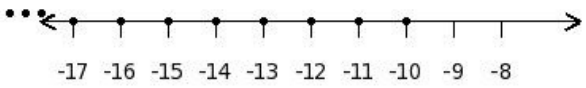

(I)




(II)



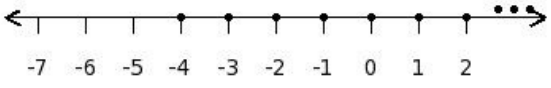

(III)



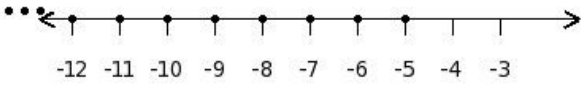

(IV)

(i) IV (ii) II (iii) I (iv) III

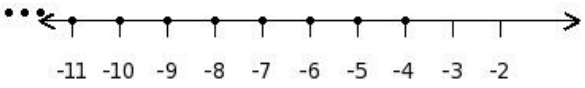
11. Identify the solution for the inequality $(6x+24) \leq 0, x \in Z$



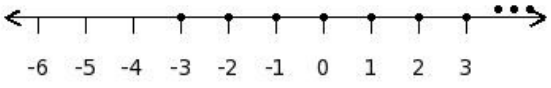

(I)




(II)



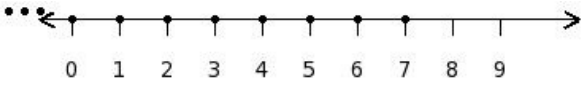

(III)



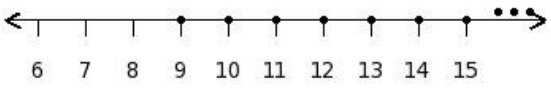

(IV)

(i) I (ii) III (iii) II (iv) IV

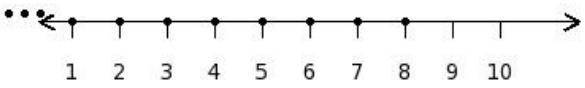
12. Identify the solution for the inequality $(-x+8) \geq 0, x \in Z$



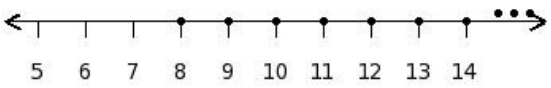

(I)




(II)




(III)




(IV)

(i) III (ii) II (iii) IV (iv) I

## Assignment Key

| | | | | | |
|---|---|---|---|---|---|
| 1) (iv) | 2) (i) | 3) (i) | 4) (ii) | 5) (iv) | 6) (iv) |
| 7) (i) | 8) (iii) | 9) (iii) | 10) (iv) | 11) (ii) | 12) (i) |

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