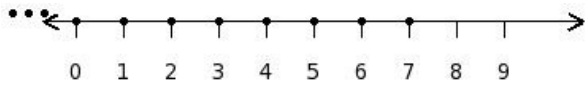
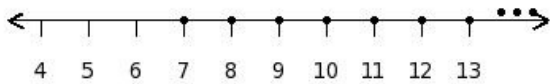




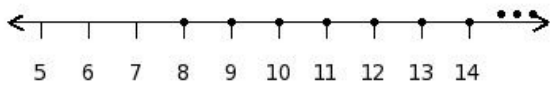
1. Identify the solution for the inequality $(9x - 63) < 0, x \in \mathbb{Z}$



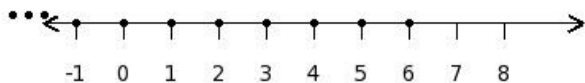
(I)



(II)



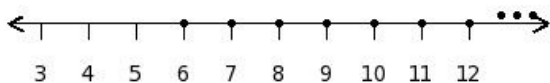
(III)



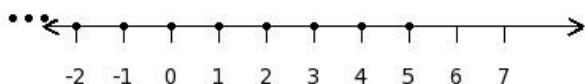
(IV)

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

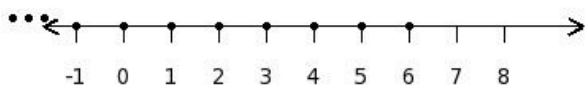
2. Identify the solution for the inequality $(-8x + 48) > 0, x \in \mathbb{Z}$



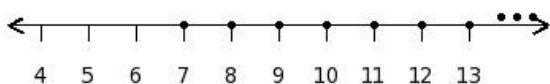
(I)



(II)



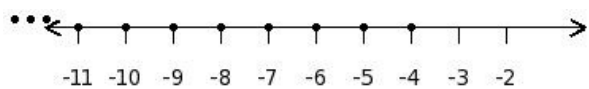
(III)



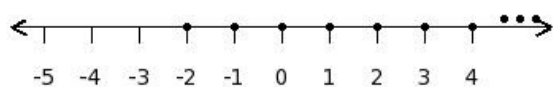
(IV)

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

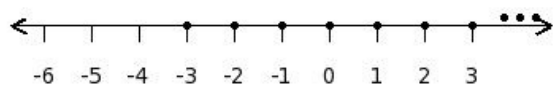
3. Identify the solution for the inequality $(-2x-6) \leq 0, x \in \mathbb{Z}$



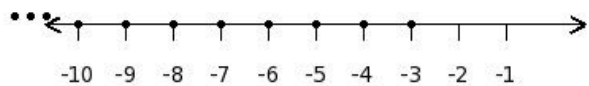
(I)



(II)



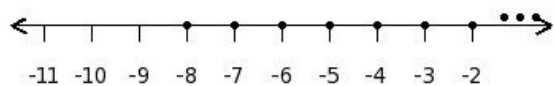
(III)



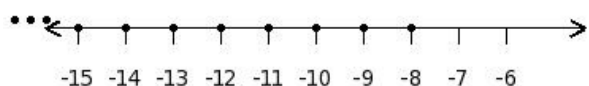
(IV)

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

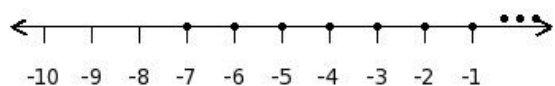
4. Identify the solution for the inequality $(-x-8) \geq 0, x \in \mathbb{Z}$



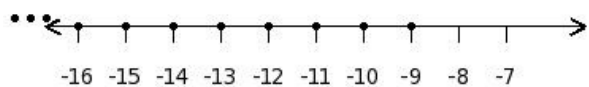
(I)



(II)



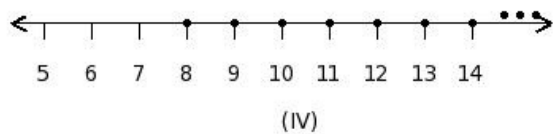
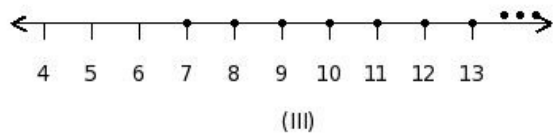
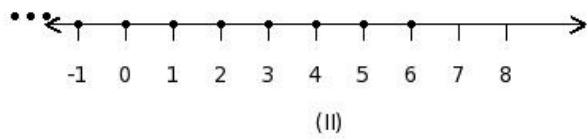
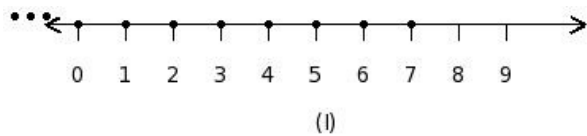
(III)



(IV)

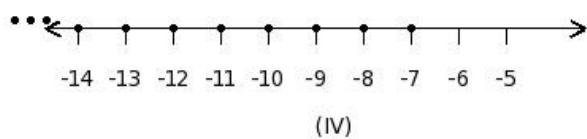
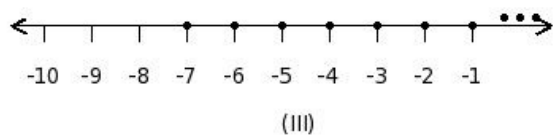
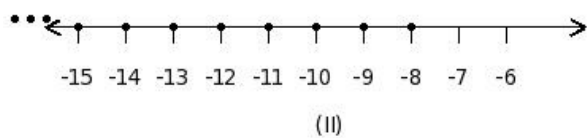
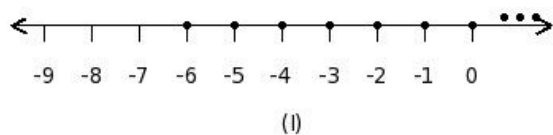
(i) I (ii) II (iii) III (iv) IV

5. Which of the following figures represents the solution set $\{8,9,10,11,12,13,\dots\}$



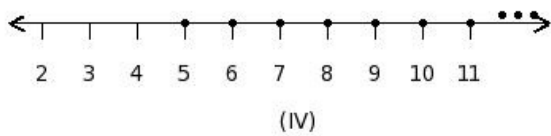
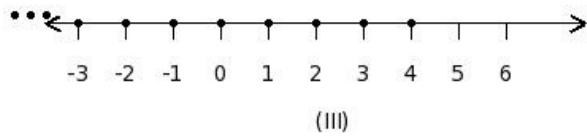
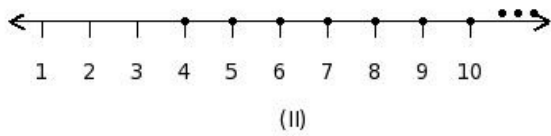
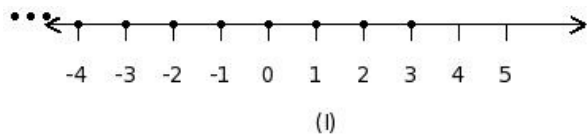
(i) III (ii) I (iii) II (iv) IV

6. Which of the following figures represents the solution set $\{-8,-9,-10,-11,-12,-13,\dots\}$



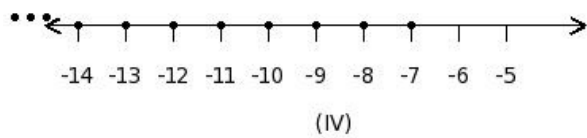
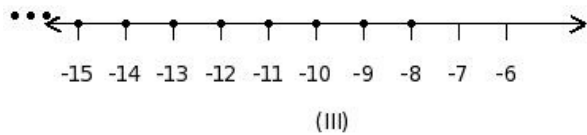
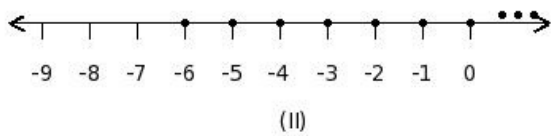
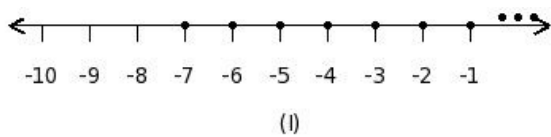
(i) II (ii) I (iii) III (iv) IV

7. Which of the following figures represents the solution set $\{4, 5, 6, 7, 8, 9, \dots\}$



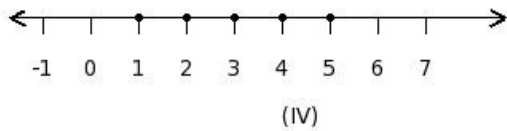
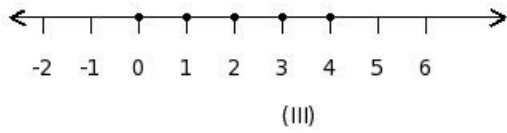
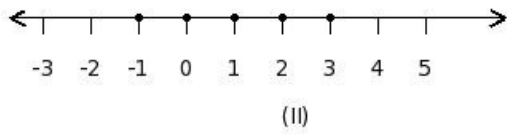
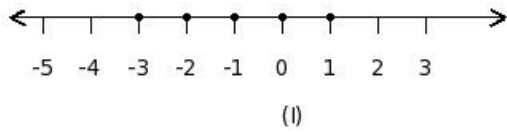
(i) IV (ii) I (iii) III (iv) II

8. Which of the following figures represents the solution set $\{-7, -8, -9, -10, -11, -12, \dots\}$



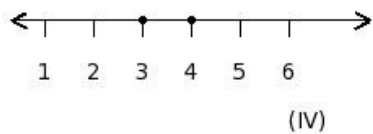
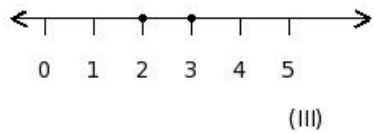
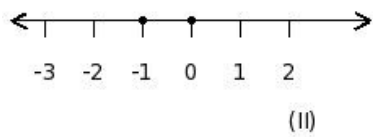
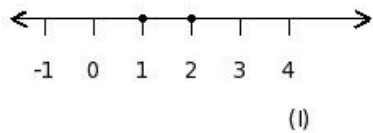
(i) II (ii) IV (iii) I (iv) III

9. Identify the solution for the inequality
 $(-9) < (-2x-1) < 3, x \in \mathbb{Z}$



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

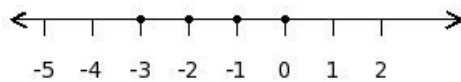
10. Identify the solution for the inequality
 $16 < (8x+9) \leq 28, x \in \mathbb{Z}$



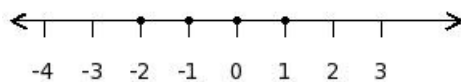
(i) IV (ii) II (iii) I (iv) III

11. Identify the solution for the inequality

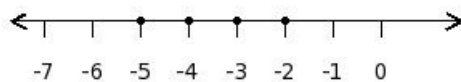
$$0 \leq (-7x + 2) \leq 27, x \in \mathbb{Z}$$



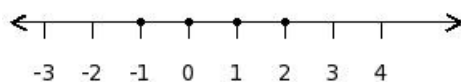
(I)



(II)



(III)

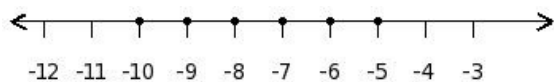


(IV)

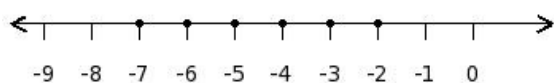
(i) I (ii) IV (iii) II (iv) III

12. Identify the solution for the inequality

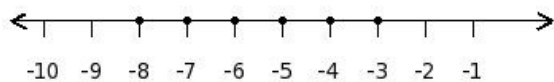
$$2 \leq (-2x - 3) < 14, x \in \mathbb{Z}$$



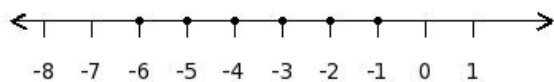
(I)



(II)



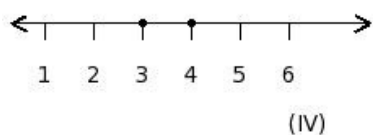
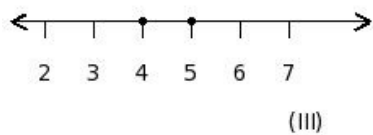
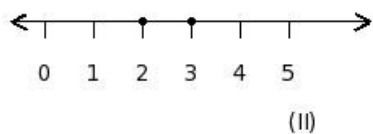
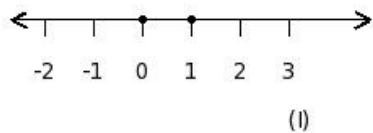
(III)



(IV)

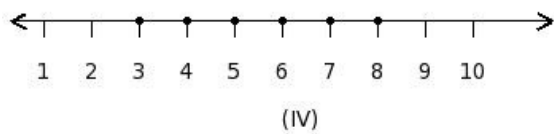
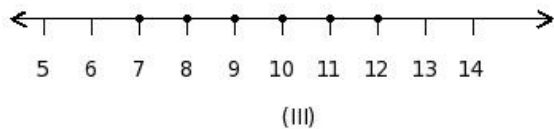
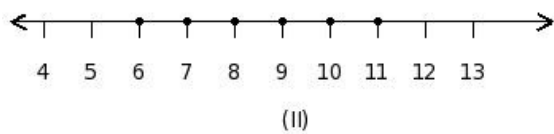
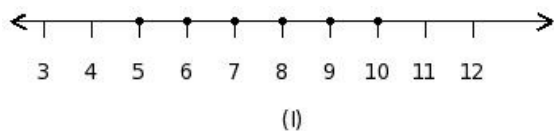
(i) III (ii) IV (iii) II (iv) I

13. Identify the solution for the inequality
 $(-16) > (-9x+1) > (-27), x \in \mathbb{Z}$



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

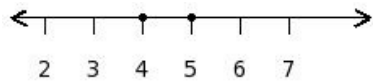
14. Identify the solution for the inequality
 $(-6) > (-3x+7) \geq (-23), x \in \mathbb{Z}$



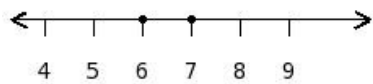
(i) II (ii) I (iii) III (iv) IV

15. Identify the solution for the inequality

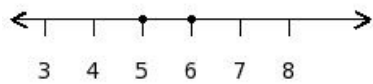
$$(-16) \geq (-7x+7) \geq (-29), x \in \mathbb{Z}$$



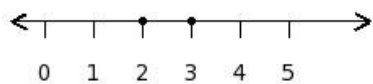
(I)



(II)



(III)

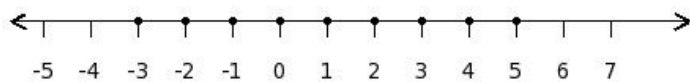


(IV)

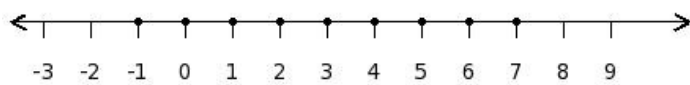
(i) II (ii) III (iii) I (iv) IV

16. Identify the solution for the inequality

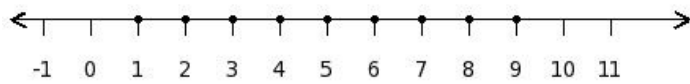
$$(-2) \geq (-x-3) > (-11), x \in \mathbb{Z}$$



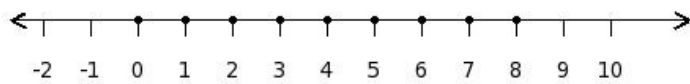
(I)



(II)



(III)

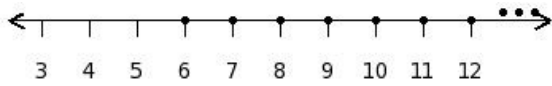


(IV)

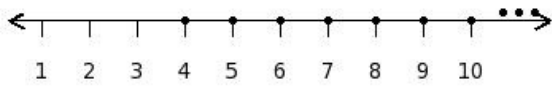
(i) IV (ii) III (iii) II (iv) I

17. Identify the solution for the inequality

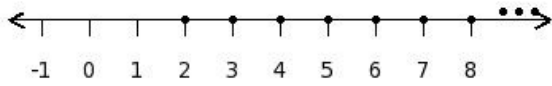
$$(-5x+5) < 0, x \in \mathbb{N}$$



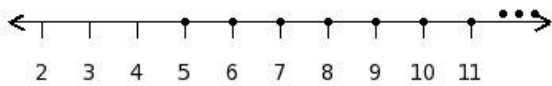
(I)



(II)



(III)

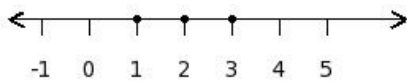


(IV)

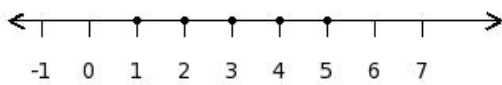
(i) IV (ii) I (iii) III (iv) II

18. Identify the solution for the inequality

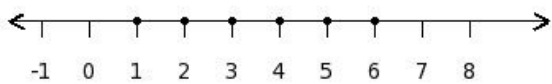
$$(3x-9) \leq 0, x \in \mathbb{N}$$



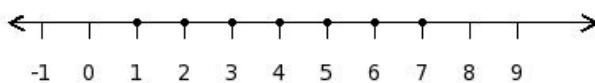
(I)



(II)



(III)

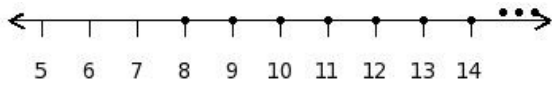


(IV)

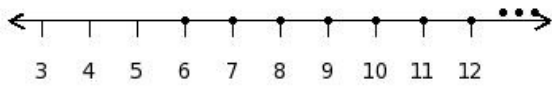
(i) I (ii) IV (iii) II (iv) III

19. Identify the solution for the inequality

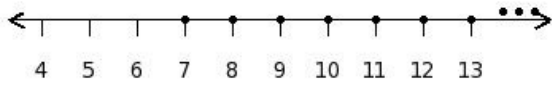
$$(x+3) > 0, x \in \mathbb{N}$$



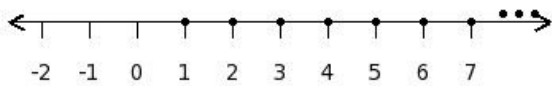
(I)



(II)



(III)

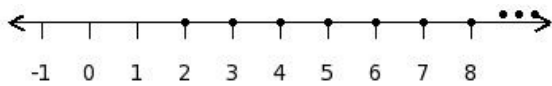


(IV)

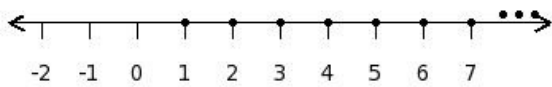
(i) III (ii) I (iii) II (iv) IV

20. Identify the solution for the inequality

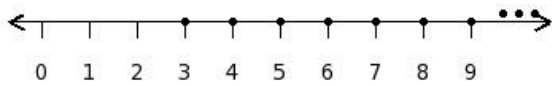
$$6x \geq 0, x \in \mathbb{N}$$



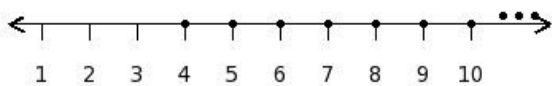
(I)



(II)



(III)



(IV)

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

Assignment Key

1) (ii)	2) (i)	3) (ii)	4) (ii)	5) (iv)	6) (i)
7) (iv)	8) (ii)	9) (i)	10) (iii)	11) (i)	12) (i)
13) (iii)	14) (ii)	15) (iii)	16) (iii)	17) (iii)	18) (i)
19) (iv)	20) (iv)				