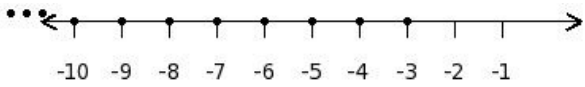
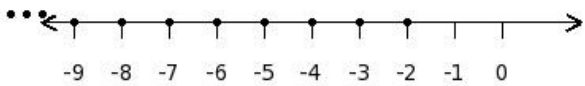




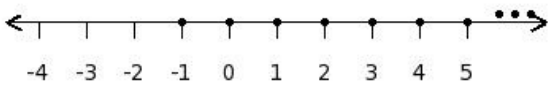
1. Identify the solution for the inequality $(-7x - 14) < 0, x \in \mathbb{Z}$



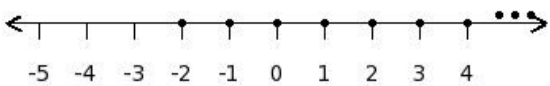
(I)



(II)



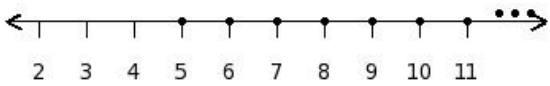
(III)



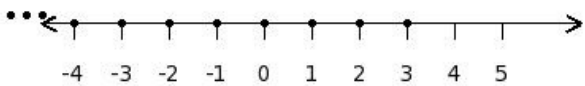
(IV)

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

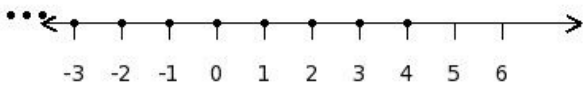
2. Identify the solution for the inequality $(-3x + 12) > 0, x \in \mathbb{Z}$



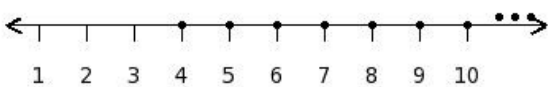
(I)



(II)



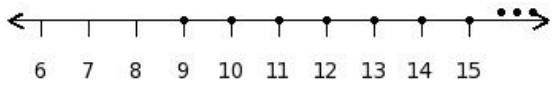
(III)



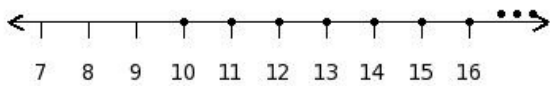
(IV)

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

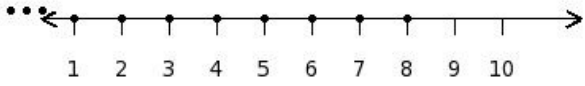
3. Identify the solution for the inequality $(-6x+54) \leq 0, x \in \mathbb{Z}$



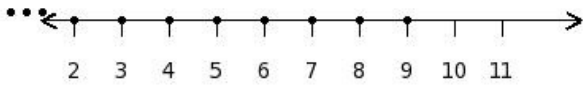
(I)



(II)



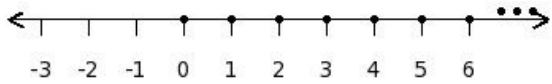
(III)



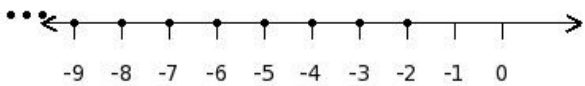
(IV)

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

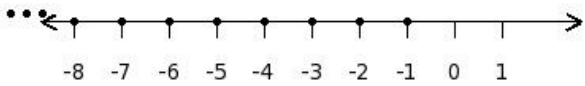
4. Identify the solution for the inequality $(-9x-9) \geq 0, x \in \mathbb{Z}$



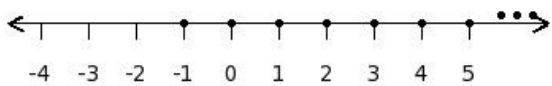
(I)



(II)



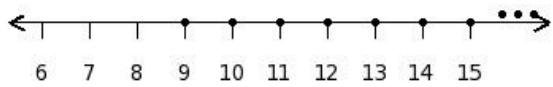
(III)



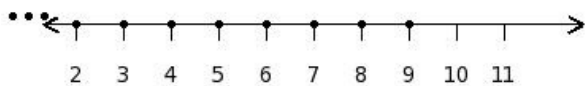
(IV)

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

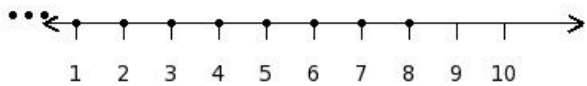
5. Which of the following figures represents the solution set $\{10,11,12,13,14,15,\dots\}$



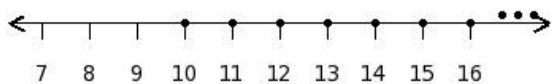
(I)



(II)



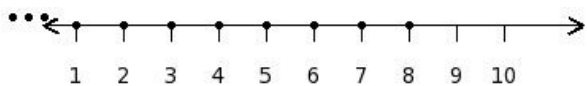
(III)



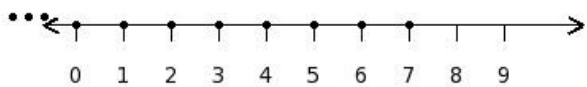
(IV)

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

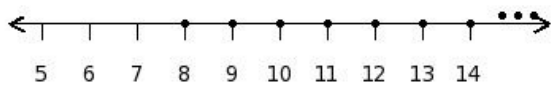
6. Which of the following figures represents the solution set $\{7,6,5,4,3,2,\dots\}$



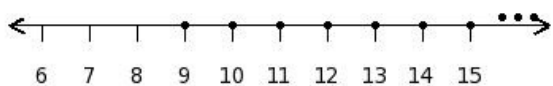
(I)



(II)



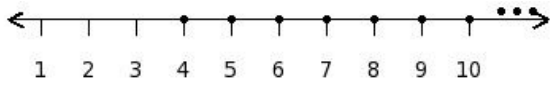
(III)



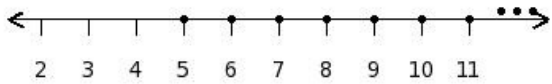
(IV)

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

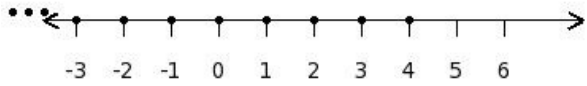
7. Which of the following figures represents the solution set $\{4,5,6,7,8,9,\dots\}$



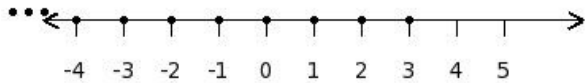
(I)



(II)



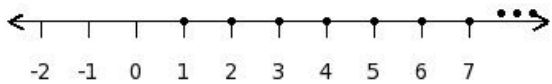
(III)



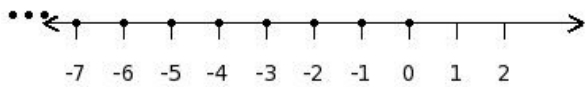
(IV)

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

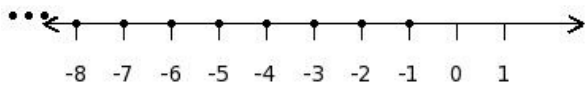
8. Which of the following figures represents the solution set $\{0,-1,-2,-3,-4,-5,\dots\}$



(I)



(II)



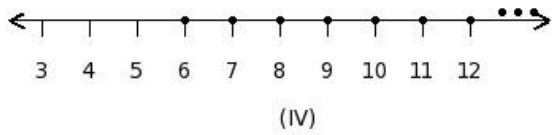
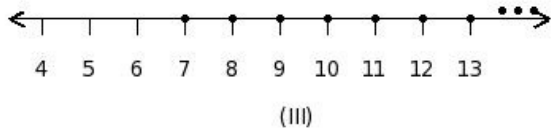
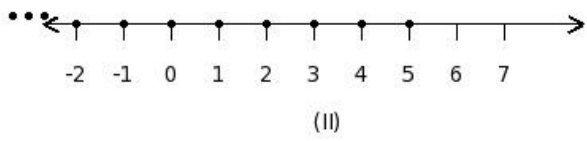
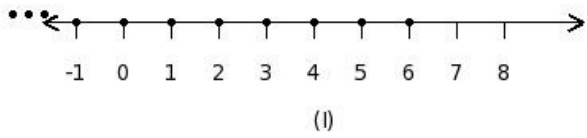
(III)



(IV)

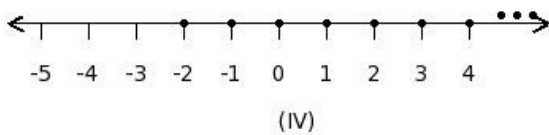
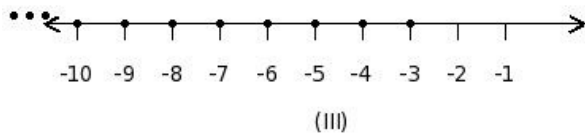
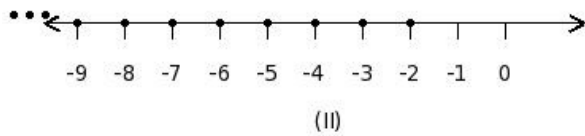
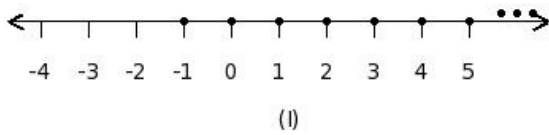
- (i) IV (ii) III (iii) I (iv) II

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



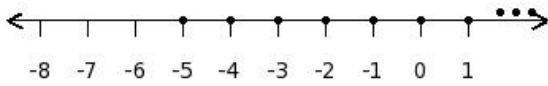
(i) IV (ii) I (iii) III (iv) II

10. Identify the solution for the inequality $(3x+6) > 0, x \in \mathbb{Z}$

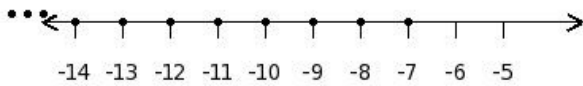


(i) II (ii) I (iii) IV (iv) III

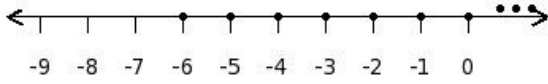
11. Identify the solution for the inequality $(-6x-36) \leq 0, x \in \mathbb{Z}$



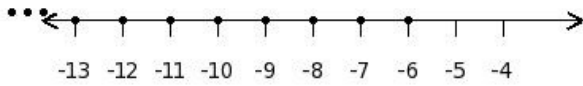
(I)



(II)



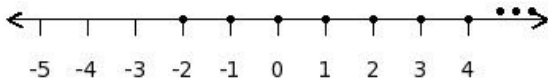
(III)



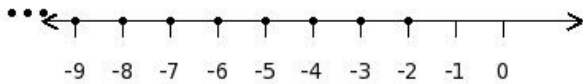
(IV)

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

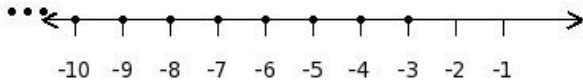
12. Identify the solution for the inequality $(8x+16) \geq 0, x \in \mathbb{Z}$



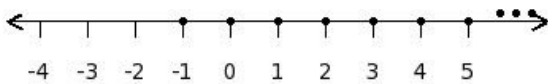
(I)



(II)



(III)



(IV)

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

Assignment Key

1) (iii)

2) (iii)

3) (i)

4) (iii)

5) (iii)

6) (iii)

7) (ii)

8) (iv)

9) (iv)

10) (ii)

11) (iv)

12) (ii)