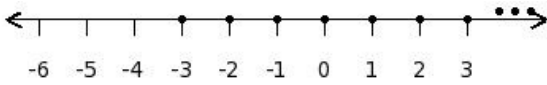
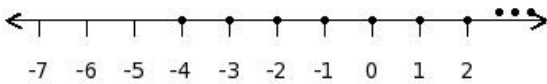




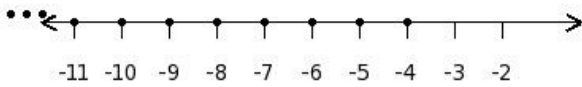
1. Identify the solution for the inequality $(8x+32) < 0, x \in \mathbb{Z}$



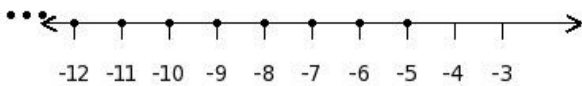
(I)



(II)



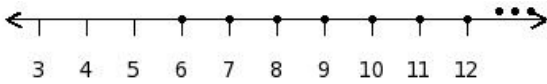
(III)



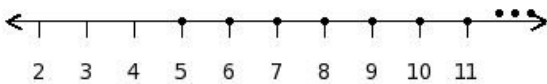
(IV)

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

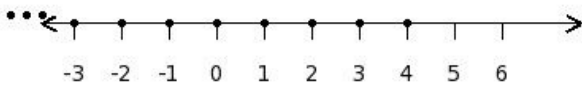
2. Identify the solution for the inequality $(-8x+40) > 0, x \in \mathbb{Z}$



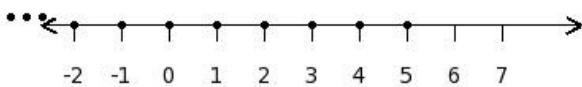
(I)



(II)



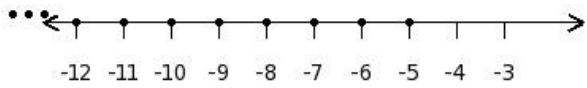
(III)



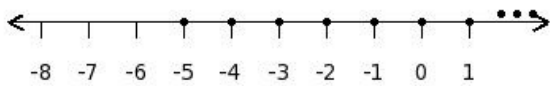
(IV)

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

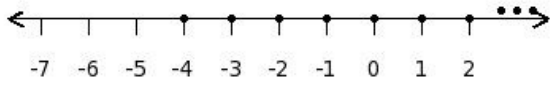
3. Identify the solution for the inequality $(9x+45) \leq 0, x \in \mathbb{Z}$



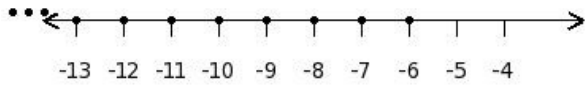
(I)



(II)



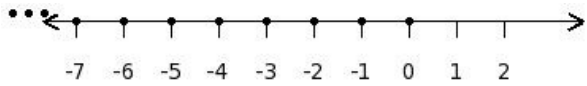
(III)



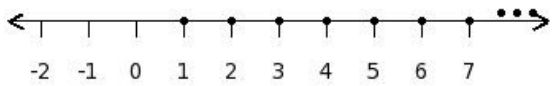
(IV)

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

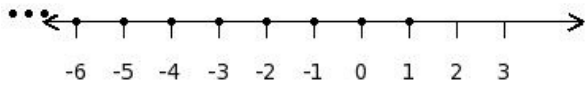
4. Identify the solution for the inequality $(3x-3) \geq 0, x \in \mathbb{Z}$



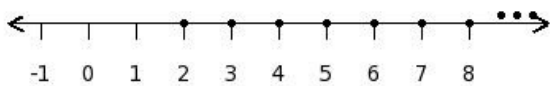
(I)



(II)



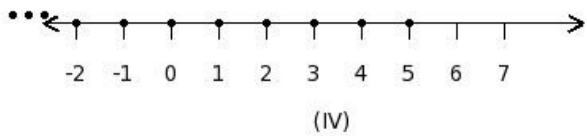
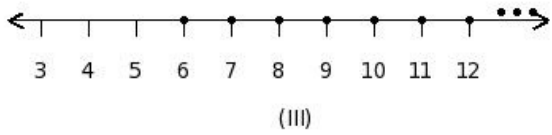
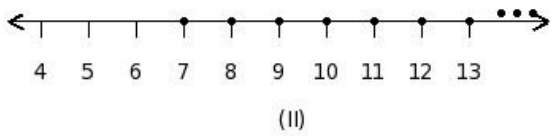
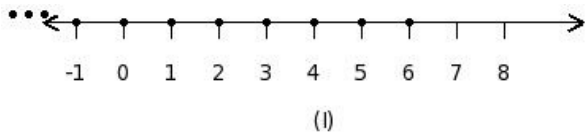
(III)



(IV)

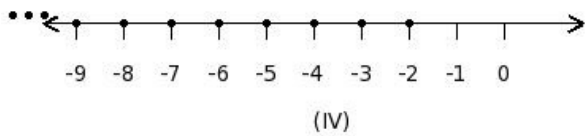
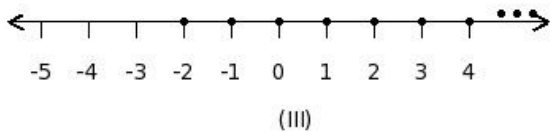
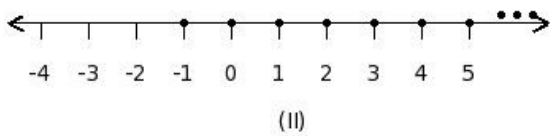
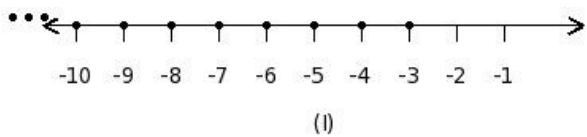
(i) III (ii) I (iii) II (iv) IV

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



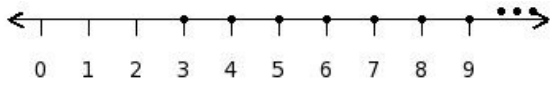
- (i) II (ii) IV (iii) I (iv) III

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

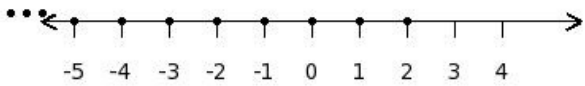


- (i) IV (ii) I (iii) II (iv) III

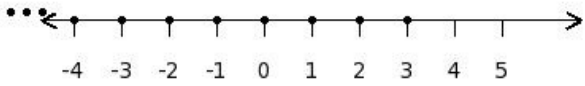
7. Which of the following figures represents the solution set $\{3, 2, 1, 0, -1, -2, \dots\}$



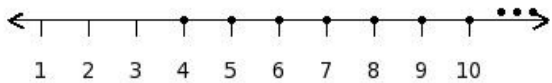
(I)



(II)



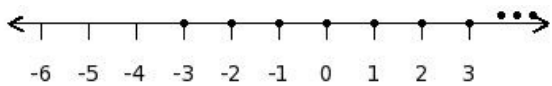
(III)



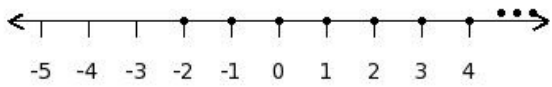
(IV)

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

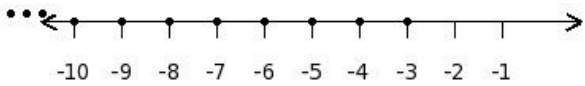
8. Which of the following figures represents the solution set $\{-3, -2, -1, 0, 1, 2, \dots\}$



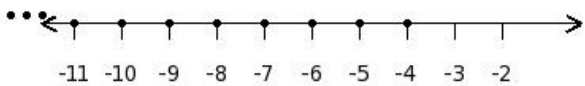
(I)



(II)



(III)

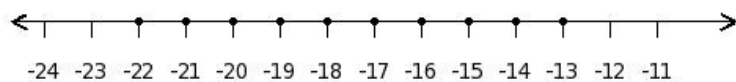
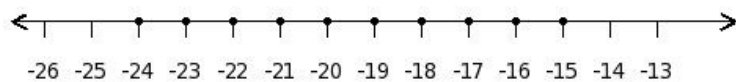
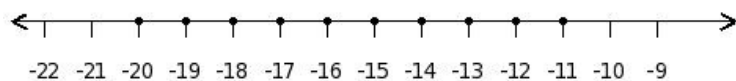
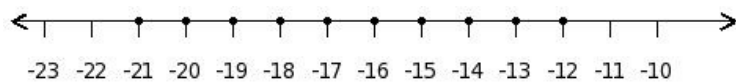


(IV)

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

9. Identify the solution for the inequality

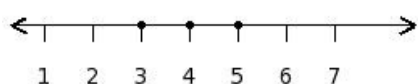
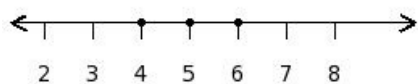
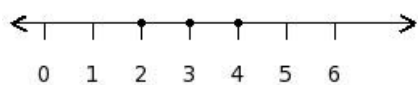
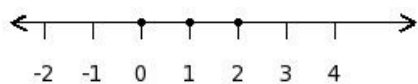
$$4 < (-x - 8) < 15, x \in \mathbb{Z}$$



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

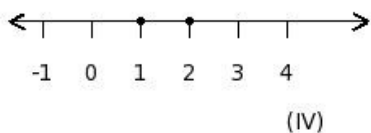
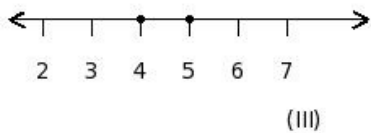
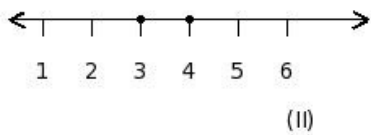
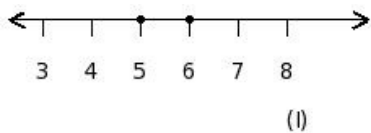
10. Identify the solution for the inequality

$$8 < (5x + 2) \leq 23, x \in \mathbb{Z}$$



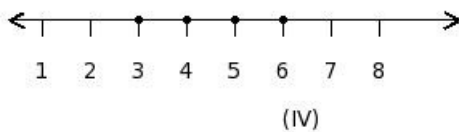
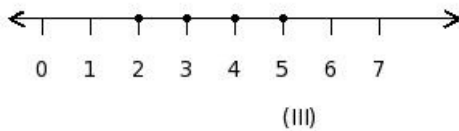
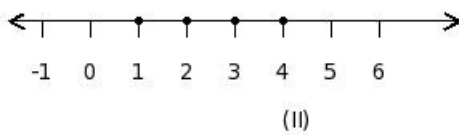
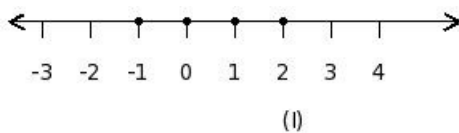
(i) IV (ii) II (iii) III (iv) I

11. Identify the solution for the inequality $11 \leq (7x-4) \leq 24, x \in \mathbb{Z}$



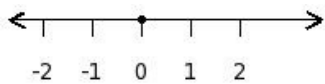
(i) II (ii) I (iii) III (iv) IV

12. Identify the solution for the inequality $1 \leq 4x < 17, x \in \mathbb{Z}$

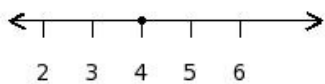


(i) II (ii) III (iii) I (iv) IV

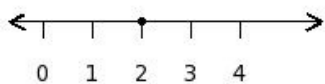
13. Identify the solution for the inequality $(-7) > (-7x) > (-20), x \in \mathbb{Z}$



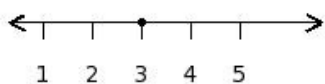
(I)



(II)



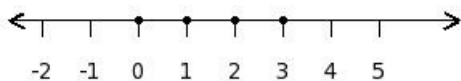
(III)



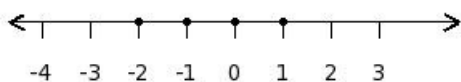
(IV)

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

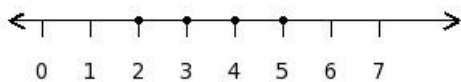
14. Identify the solution for the inequality $2 \geq (-5x+2) \geq (-13), x \in \mathbb{Z}$



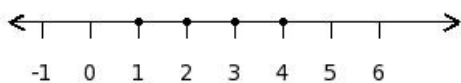
(I)



(II)



(III)

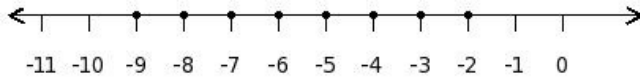


(IV)

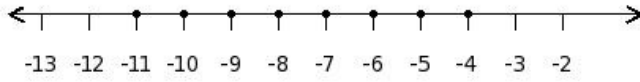
(i) IV (ii) II (iii) III (iv) I

15. Identify the solution for the inequality

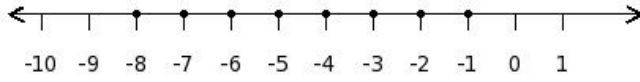
$$3 \geq (3x+8) > (-20), x \in \mathbb{Z}$$



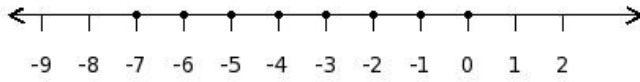
(I)



(II)



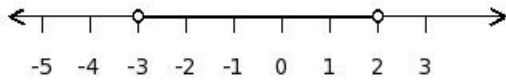
(III)



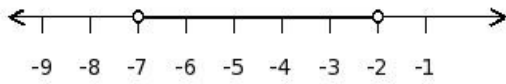
(IV)

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

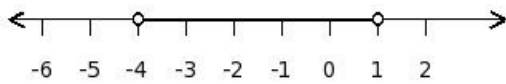
16. Identify the solution for the inequality $(-41) < (7x-6) < (-6), x \in \mathbb{R}$



(I)



(II)



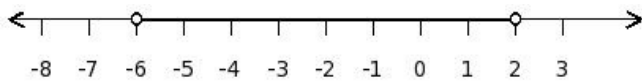
(III)



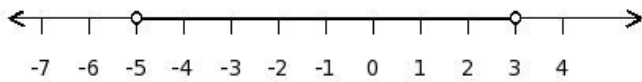
(IV)

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

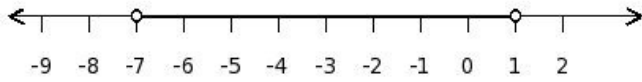
17. Identify the solution for the inequality $5 > (2x+3) > (-11), x \in \mathbb{R}$



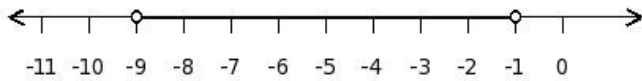
(I)



(II)



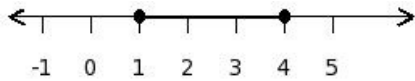
(III)



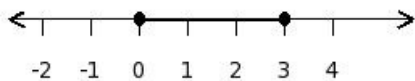
(IV)

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

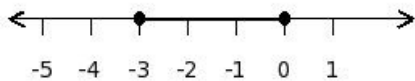
18. Identify the solution for the inequality $(-4) \geq (-x-5) \geq (-7), x \in \mathbb{R}$



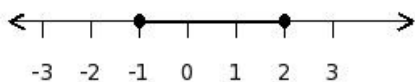
(I)



(II)



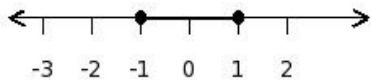
(III)



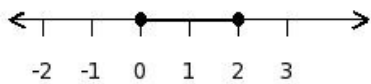
(IV)

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

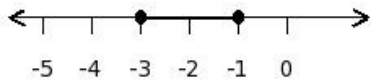
19. Identify the solution for the inequality $(-8) \leq (-x-7) \leq (-6), x \in \mathbb{R}$



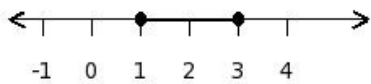
(I)



(II)



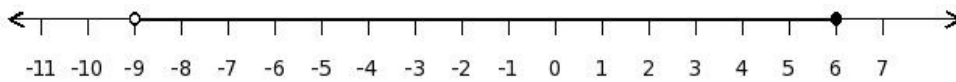
(III)



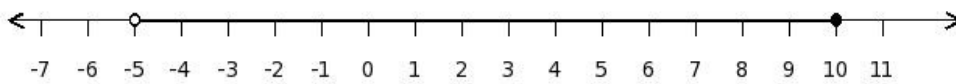
(IV)

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

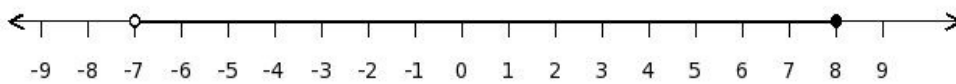
20. Identify the solution for the inequality $36 > (-6x-6) \geq (-54), x \in \mathbb{R}$



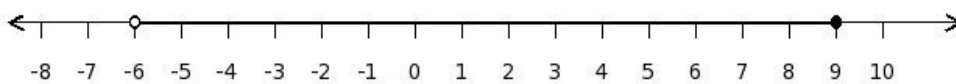
(I)



(II)



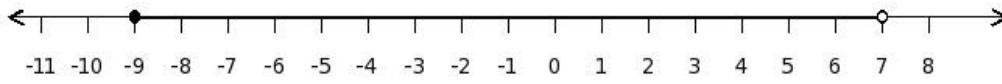
(III)



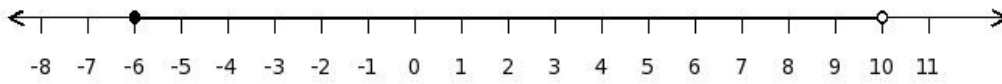
(IV)

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

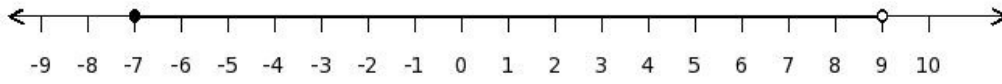
21. Identify the solution for the inequality $(-57) \leq (9x+6) < 87, x \in \mathbb{R}$



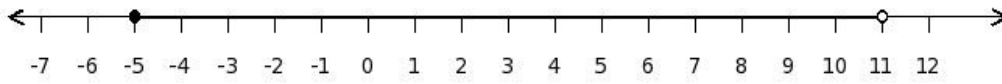
(I)



(II)



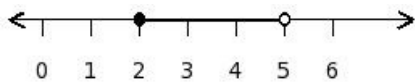
(III)



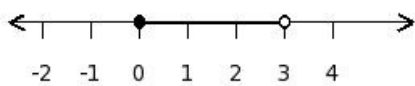
(IV)

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

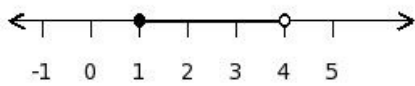
22. Identify the solution for the inequality $16 > (7x-5) \geq (-5), x \in \mathbb{R}$



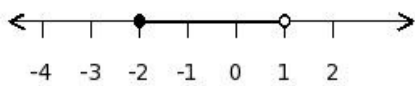
(I)



(II)



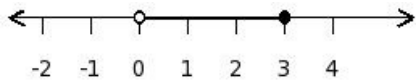
(III)



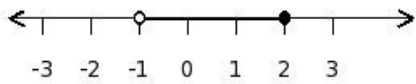
(IV)

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

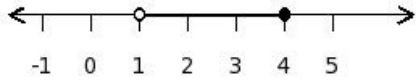
23. Identify the solution for the inequality $3 \leq (-2x+7) < 9, x \in \mathbb{R}$



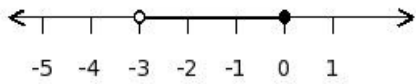
(I)



(II)



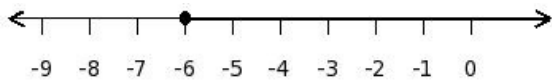
(III)



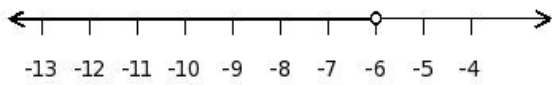
(IV)

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

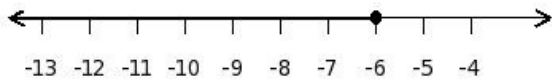
24. Which of the following figures represents the solution set of $(-7x-42) < 0, x \in \mathbb{R}$



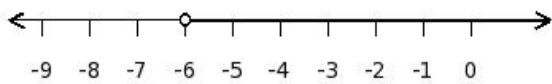
(I)



(II)



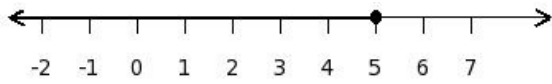
(III)



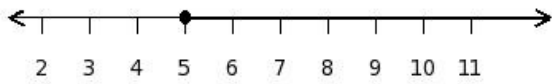
(IV)

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

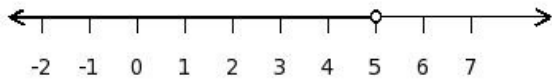
25. Which of the following figures represents the solution set of $(8x-40) > 0, x \in \mathbb{R}$



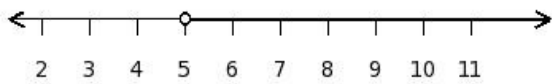
(I)



(II)



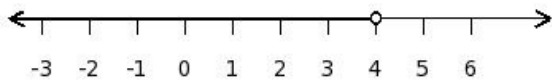
(III)



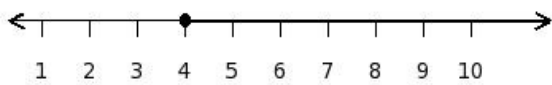
(IV)

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

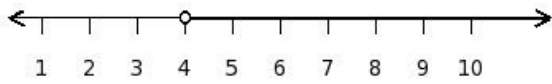
26. Which of the following figures represents the solution set of $(7x-28) \leq 0, x \in \mathbb{R}$



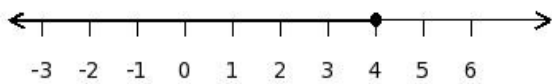
(I)



(II)



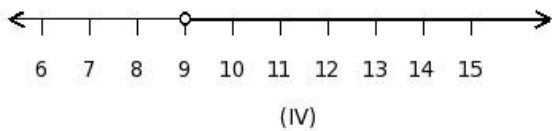
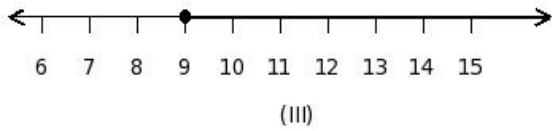
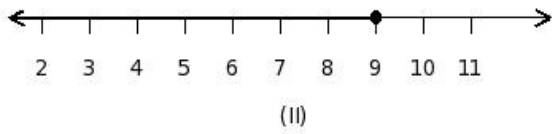
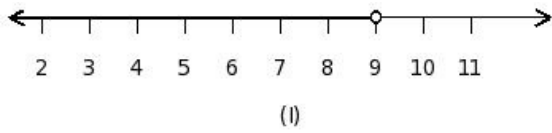
(III)



(IV)

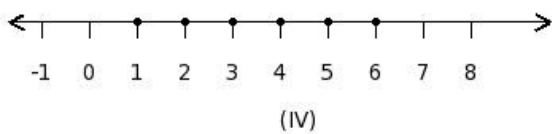
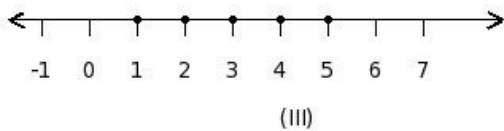
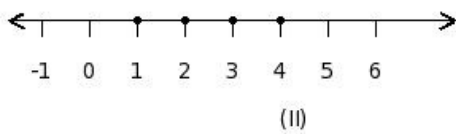
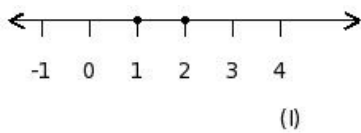
- (i) III (ii) II (iii) I (iv) IV

27. Which of the following figures represents the solution set of $(2x-18) \geq 0, x \in \mathbb{R}$



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

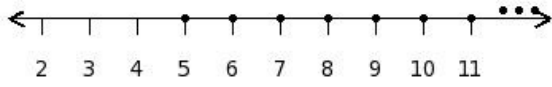
28. Identify the solution for the inequality $(3x-9) < 0, x \in \mathbb{N}$



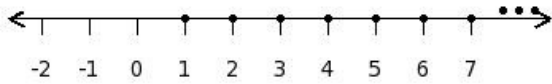
- (i) I (ii) IV (iii) II (iv) III

29. Identify the solution for the inequality

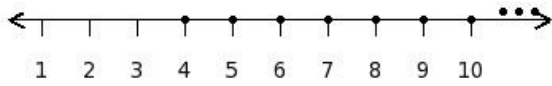
$$(-9x-18) \leq 0, x \in \mathbb{N}$$



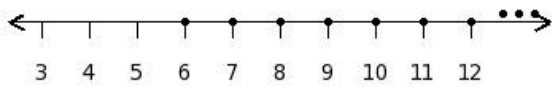
(I)



(II)



(III)

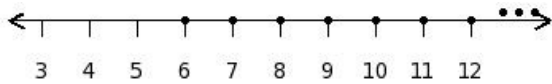


(IV)

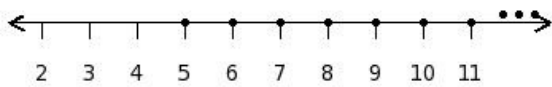
(i) I (ii) III (iii) II (iv) IV

30. Identify the solution for the inequality

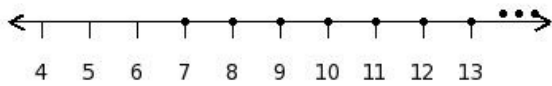
$$(x-2) > 0, x \in \mathbb{N}$$



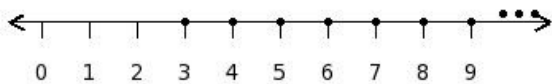
(I)



(II)



(III)

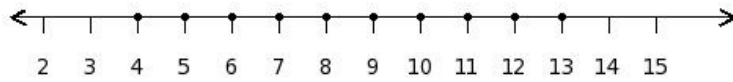


(IV)

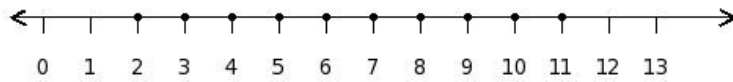
(i) IV (ii) III (iii) I (iv) II

31. Identify the solution for the inequality

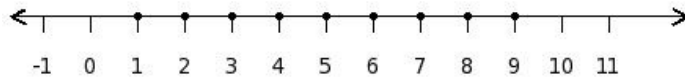
$$(-4x+36) \geq 0, x \in \mathbb{N}$$



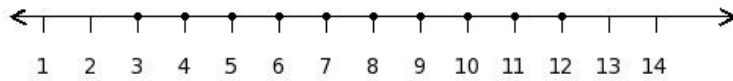
(I)



(II)



(III)

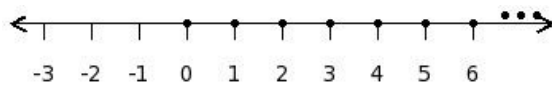


(IV)

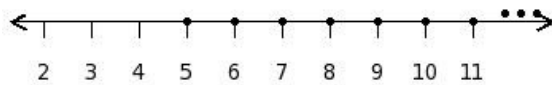
(i) I (ii) IV (iii) II (iv) III

32. Identify the solution for the inequality

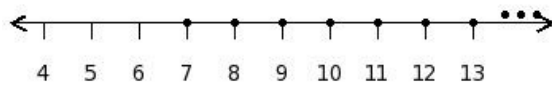
$$(-x-2) < 0, x \in \mathbb{W}$$



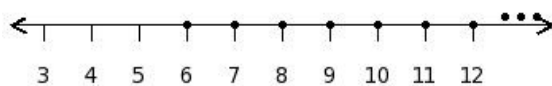
(I)



(II)



(III)

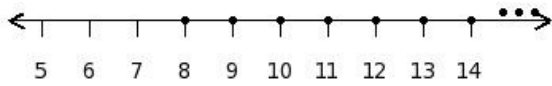


(IV)

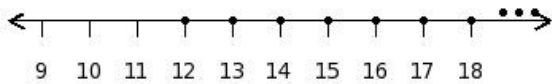
(i) III (ii) II (iii) IV (iv) I

33. Identify the solution for the inequality

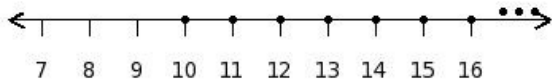
$$(-3x+24) \leq 0, x \in \mathbb{W}$$



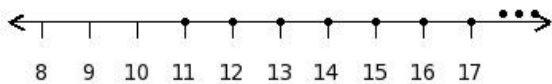
(I)



(II)



(III)

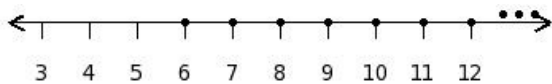


(IV)

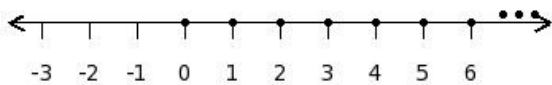
(i) II (ii) IV (iii) III (iv) I

34. Identify the solution for the inequality

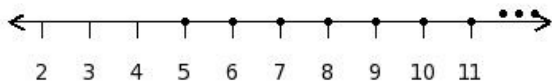
$$(x+2) > 0, x \in \mathbb{W}$$



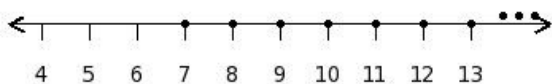
(I)



(II)



(III)

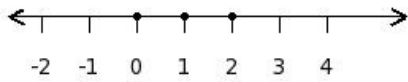
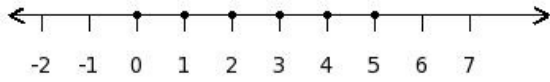
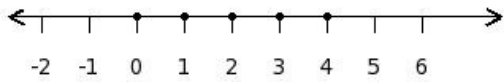
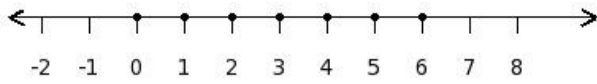


(IV)

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

35. Identify the solution for the inequality

$$(-7x+14) \geq 0, x \in W$$



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

Assignment Key

1) (i)	2) (ii)	3) (iv)	4) (iii)	5) (ii)	6) (iii)
7) (iii)	8) (iv)	9) (iii)	10) (ii)	11) (i)	12) (i)
13) (iv)	14) (iv)	15) (ii)	16) (iv)	17) (iv)	18) (iv)
19) (iii)	20) (ii)	21) (i)	22) (ii)	23) (ii)	24) (iv)
25) (iii)	26) (iv)	27) (i)	28) (i)	29) (iii)	30) (i)
31) (iv)	32) (iv)	33) (iv)	34) (iii)	35) (i)	