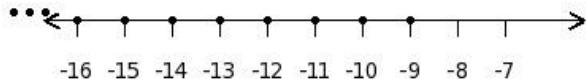
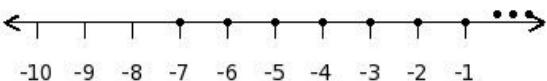




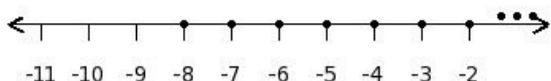
1. Identify the solution for the inequality $(-2x - 16) < 0, x \in \mathbb{Z}$



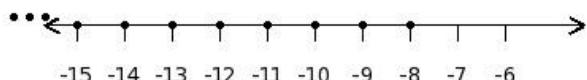
(I)



(II)



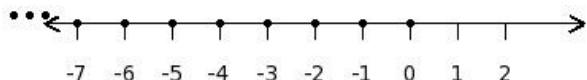
(III)



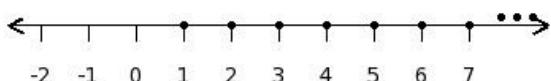
(IV)

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

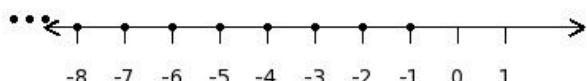
2. Identify the solution for the inequality $(-x) > 0, x \in \mathbb{Z}$



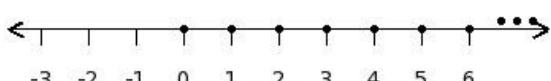
(I)



(II)



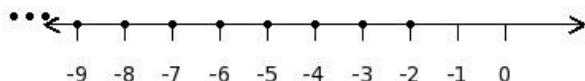
(III)



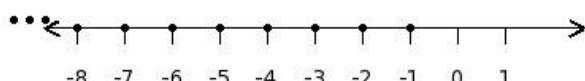
(IV)

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

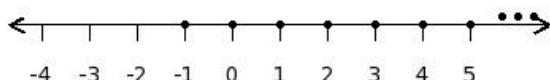
3. Identify the solution for the inequality $(x+1) \leq 0, x \in \mathbb{Z}$



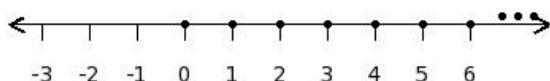
(I)



(II)



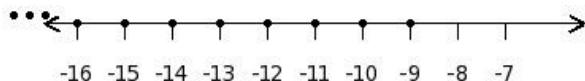
(III)



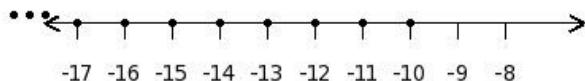
(IV)

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

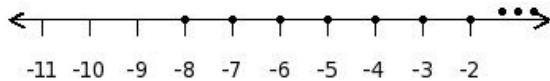
4. Identify the solution for the inequality $(-3x-27) \geq 0, x \in \mathbb{Z}$



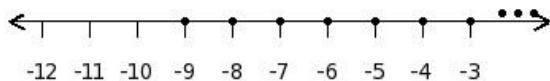
(I)



(II)



(III)

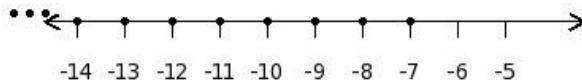


(IV)

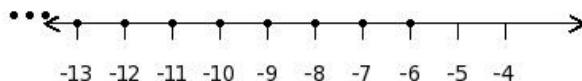
- (i) IV (ii) I (iii) III (iv) II

5. Which of the following figures represents the solution set

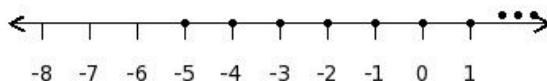
$$\{-7, -8, -9, -10, -11, -12, \dots\}$$



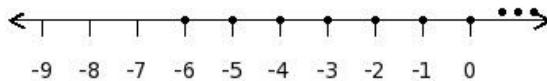
(I)



(II)



(III)

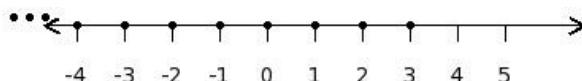


(IV)

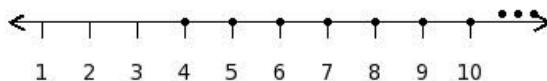
- (i) (ii) (iii) (iv) (v)

6. Which of the following figures represents the solution set

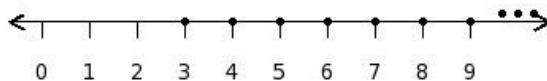
$$\{2, 1, 0, -1, -2, -3, \dots\}$$



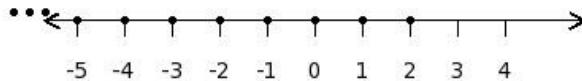
(I)



(II)



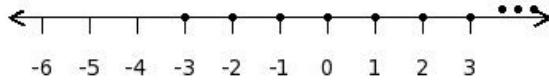
(III)



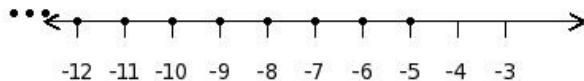
(IV)

- (i) (ii) (iii) (iv) (v)

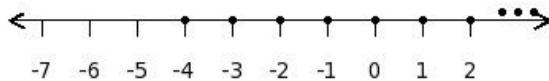
7. Which of the following figures represents the solution set
 $\{-4, -3, -2, -1, 0, 1, \dots\}$



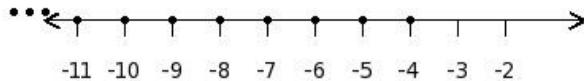
(I)



(II)



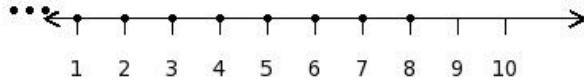
(III)



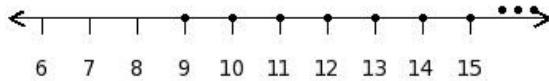
(IV)

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

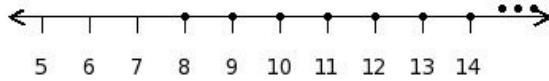
8. Which of the following figures represents the solution set
 $\{8, 7, 6, 5, 4, 3, \dots\}$



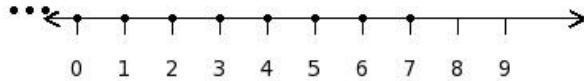
(I)



(II)



(III)

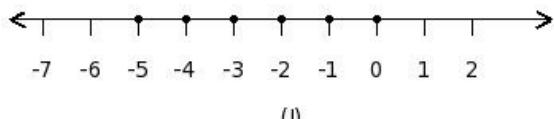


(IV)

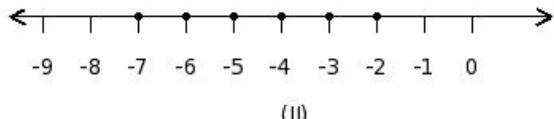
(i) IV (ii) III (iii) I (iv) II

9. Identify the solution for the inequality

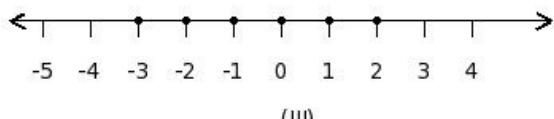
$$(-11) < (-4x - 8) < 13, x \in \mathbb{Z}$$



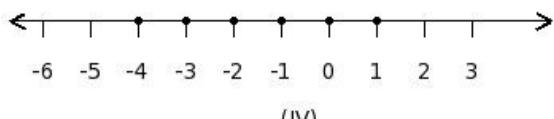
(I)



(II)



(III)

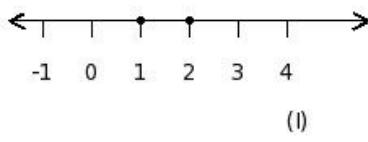


(IV)

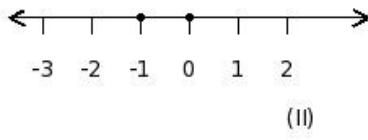
(i) III (ii) I (iii) II (iv) IV

10. Identify the solution for the inequality

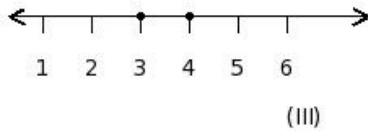
$$9 < (6x + 7) \leq 23, x \in \mathbb{Z}$$



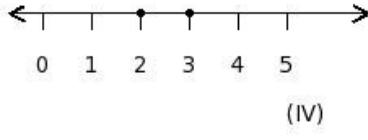
(I)



(II)



(III)

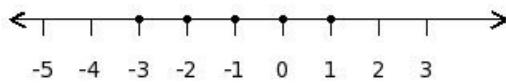


(IV)

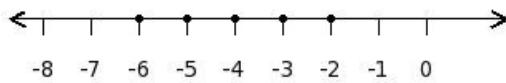
(i) I (ii) IV (iii) III (iv) II

11. Identify the solution for the inequality

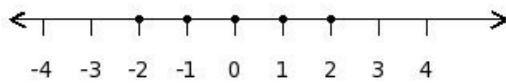
$$2 \leq (-5x+4) \leq 27, x \in \mathbb{Z}$$



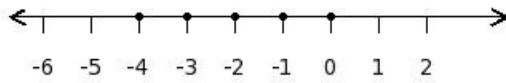
(I)



(II)



(III)

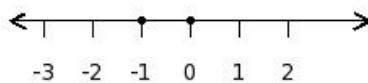


(IV)

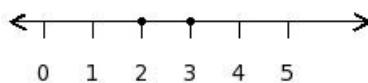
(i) II (ii) I (iii) IV (iv) III

12. Identify the solution for the inequality

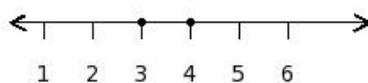
$$0 \leq (7x-5) < 13, x \in \mathbb{Z}$$



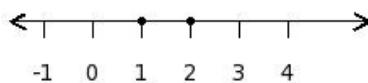
(I)



(II)



(III)



(IV)

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

13. Identify the solution for the inequality

$$1 > (-5x+5) > (-14), x \in \mathbb{Z}$$



(I)



(II)



(III)

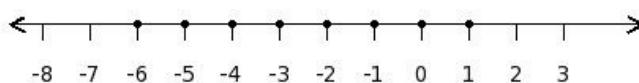


(IV)

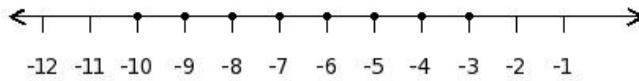
- (i) I (ii) III (iii) IV (iv) II

14. Identify the solution for the inequality

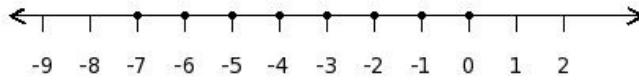
$$2 \geq (3x+3) \geq (-21), x \in \mathbb{Z}$$



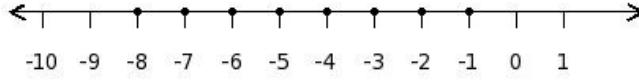
(I)



(II)



(III)

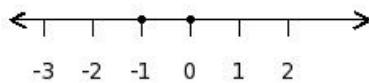


(IV)

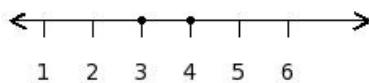
- (i) IV (ii) III (iii) I (iv) II

15. Identify the solution for the inequality

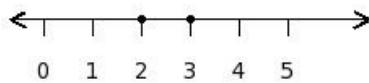
$$(-2) \geq (-6x+1) > (-16), x \in \mathbb{Z}$$



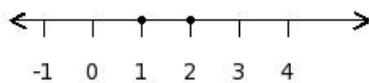
(I)



(II)



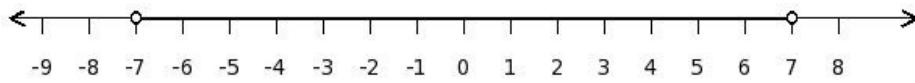
(III)



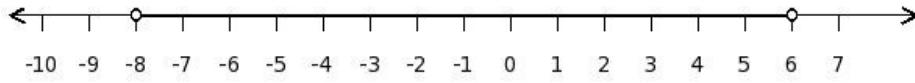
(IV)

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

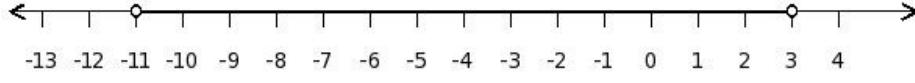
16. Identify the solution for the inequality $52 > (-5x+7) > (-18), x \in \mathbb{R}$



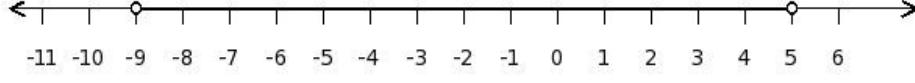
(I)



(II)



(III)



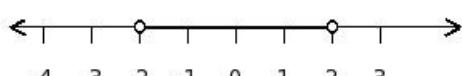
(IV)

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

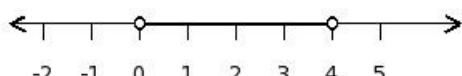
17. Identify the solution for the inequality $4 > (4x - 4) > (-12), x \in \mathbb{R}$



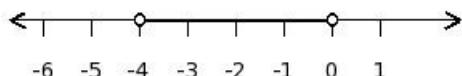
(I)



(II)



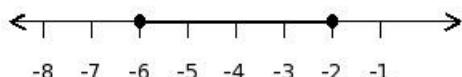
(III)



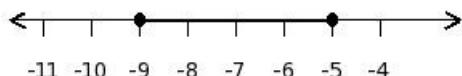
(IV)

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

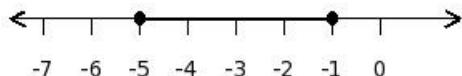
18. Identify the solution for the inequality $41 \geq (-7x - 8) \geq 13, x \in \mathbb{R}$



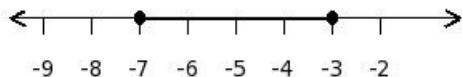
(I)



(II)



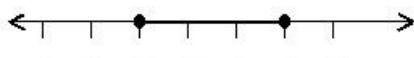
(III)



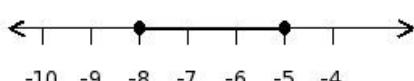
(IV)

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

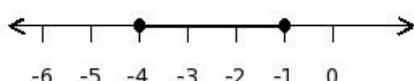
19. Identify the solution for the inequality $23 \leq (-7x+2) \leq 44$, $x \in \mathbb{R}$



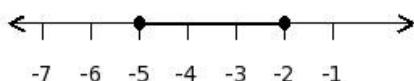
(I)



(II)



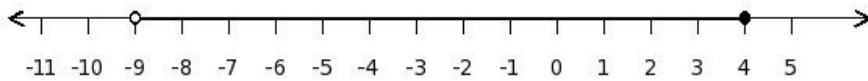
(III)



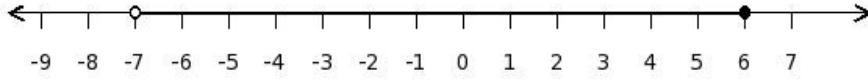
(IV)

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

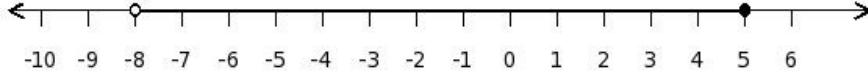
20. Identify the solution for the inequality $-2 < (x+7) \leq 11$, $x \in \mathbb{R}$



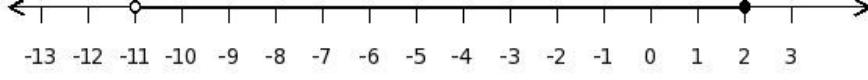
(I)



(II)



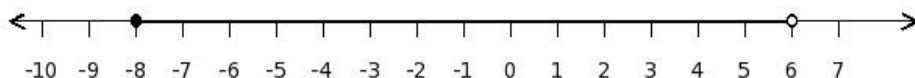
(III)



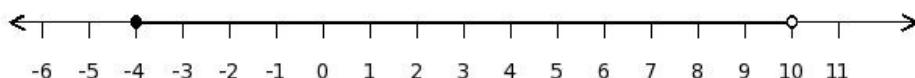
(IV)

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

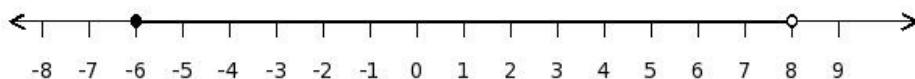
21. Identify the solution for the inequality $(-40) \leq (8x+8) < 72$, $x \in \mathbb{R}$



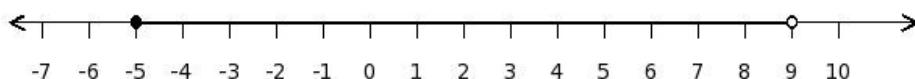
(I)



(II)



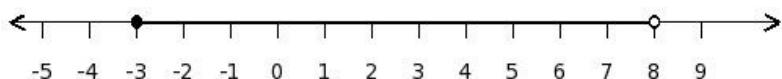
(III)



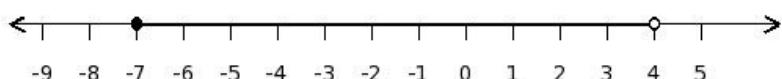
(IV)

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

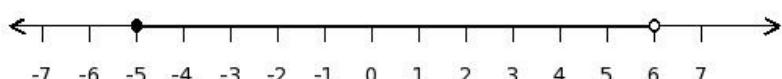
22. Identify the solution for the inequality $(-49) < (-7x-7) \leq 28$, $x \in \mathbb{R}$



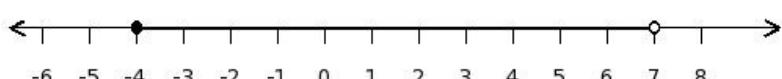
(I)



(II)



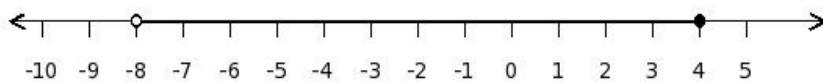
(III)



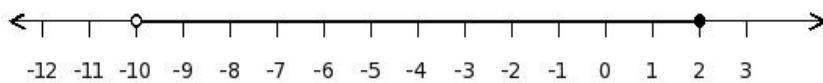
(IV)

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

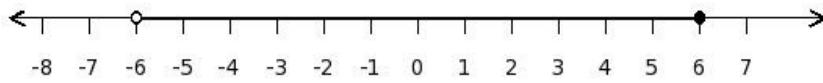
23. Identify the solution for the inequality $13 \geq (x+9) > 1, x \in \mathbb{R}$



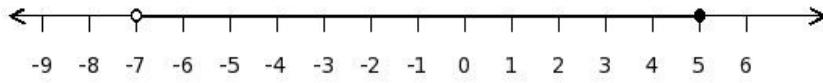
(I)



(II)



(III)

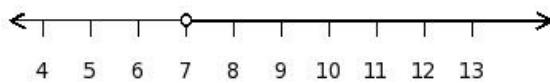


(IV)

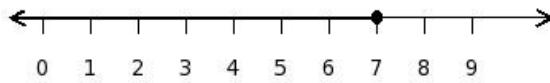
- (i) III (ii) I (iii) IV (iv) II

24. Which of the following figures represents the solution set of

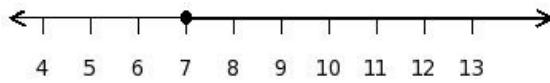
$$(x-7) < 0, x \in \mathbb{R}$$



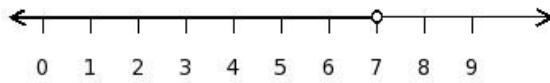
(I)



(II)



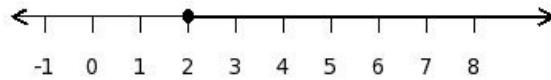
(III)



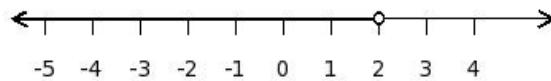
(IV)

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

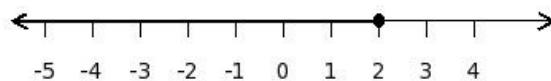
25. Which of the following figures represents the solution set of
 $(5x-10) > 0, x \in \mathbb{R}$



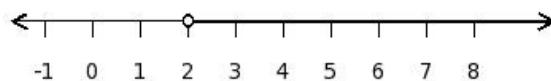
(I)



(II)



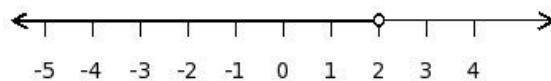
(III)



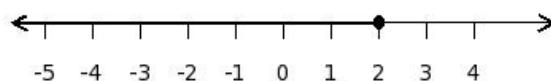
(IV)

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

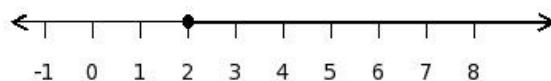
-
26. Which of the following figures represents the solution set of
 $(-x+2) \leq 0, x \in \mathbb{R}$



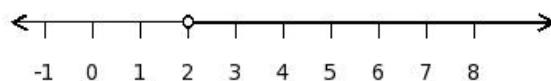
(I)



(II)



(III)

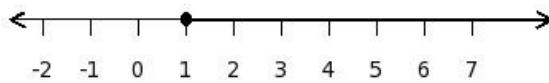


(IV)

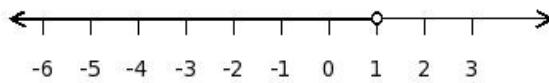
- (i) I (ii) II (iii) III (iv) IV

Which of the following figures represents the solution set of

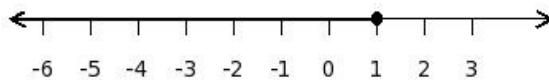
27. $(-7x+7) \geq 0, x \in \mathbb{R}$



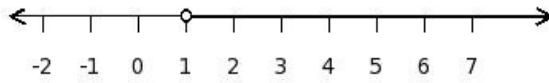
(I)



(II)



(III)

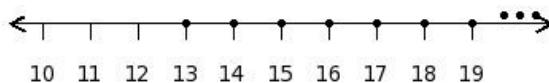


(IV)

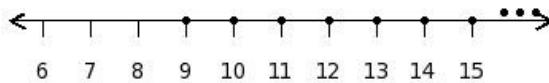
- (i) I (ii) II (iii) III (iv) IV

Identify the solution for the inequality

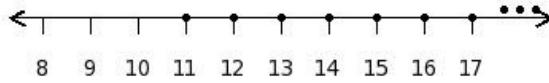
28. $(-8x+64) < 0, x \in \mathbb{N}$



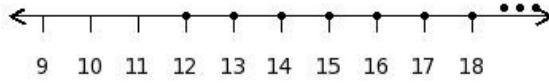
(I)



(II)



(III)

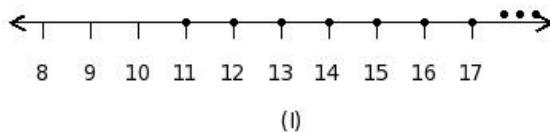


(IV)

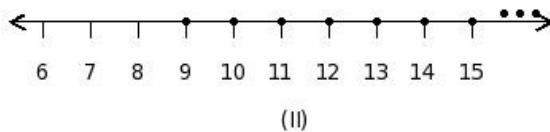
- (i) I (ii) III (iii) II (iv) IV

29. Identify the solution for the inequality

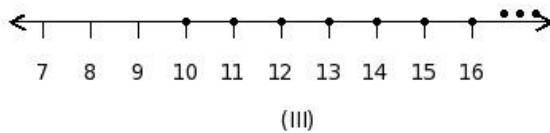
$$(-x+7) \leq 0, x \in \mathbb{N}$$



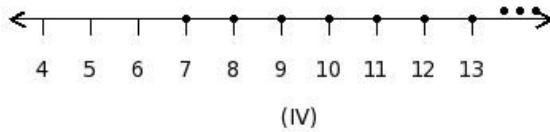
(I)



(II)



(III)

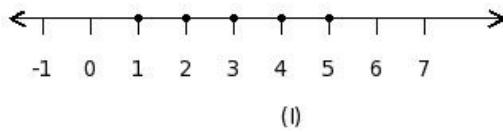


(IV)

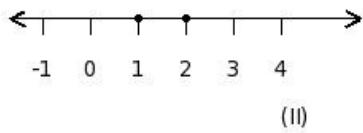
- (i) I (ii) III (iii) IV (iv) II

30. Identify the solution for the inequality

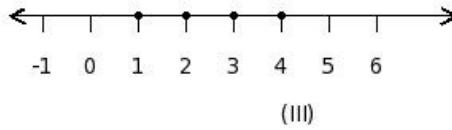
$$(-2x+6) > 0, x \in \mathbb{N}$$



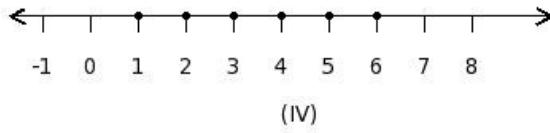
(I)



(II)



(III)

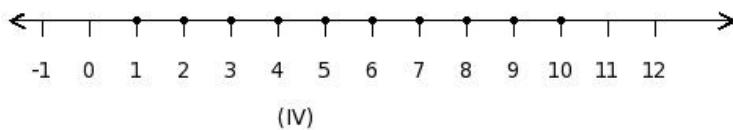
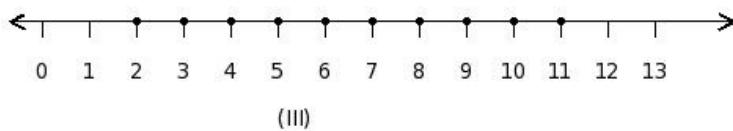
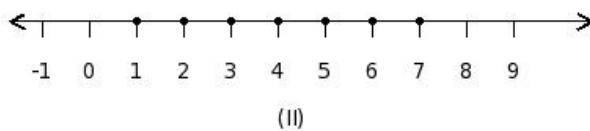
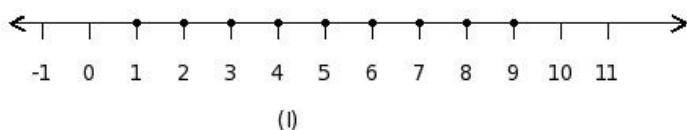


(IV)

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

31. Identify the solution for the inequality

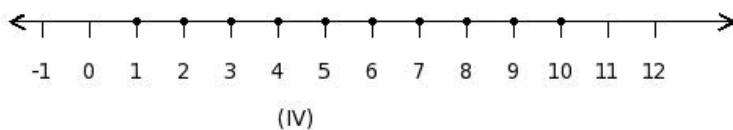
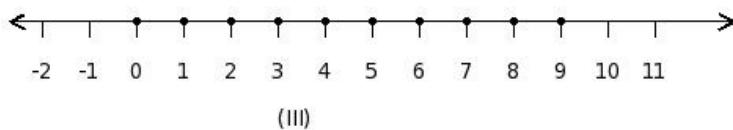
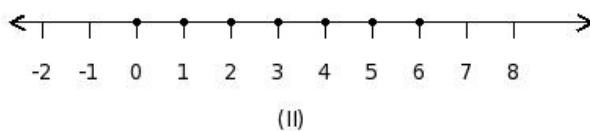
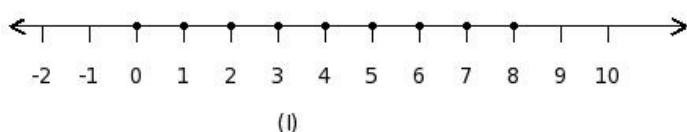
$$(-2x+14) \geq 0, x \in \mathbb{N}$$



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

32. Identify the solution for the inequality

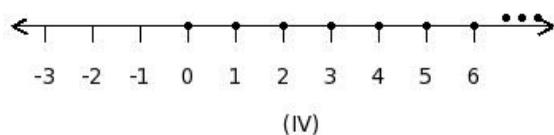
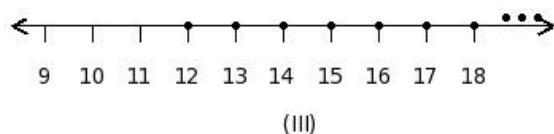
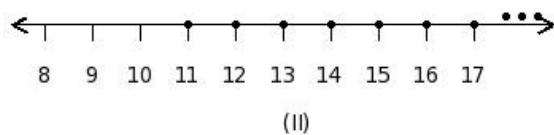
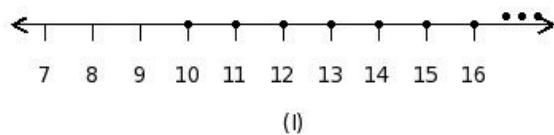
$$(9x-63) < 0, x \in \mathbb{W}$$



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

33. Identify the solution for the inequality

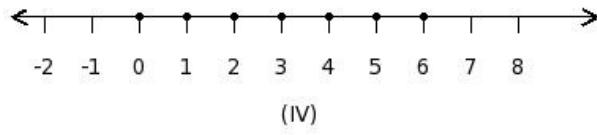
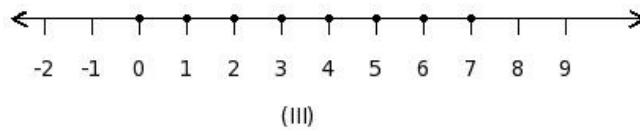
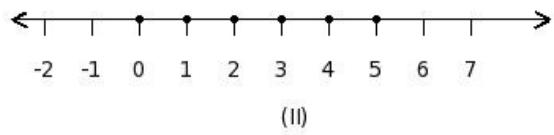
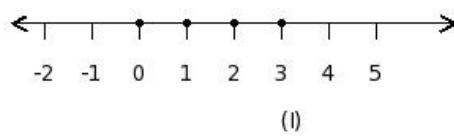
$$(-7x - 56) \leq 0, x \in \mathbb{W}$$



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

34. Identify the solution for the inequality

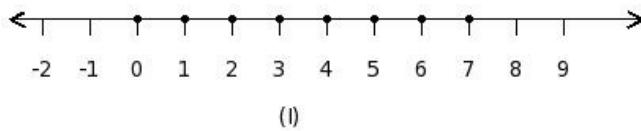
$$(-6x + 24) > 0, x \in \mathbb{W}$$



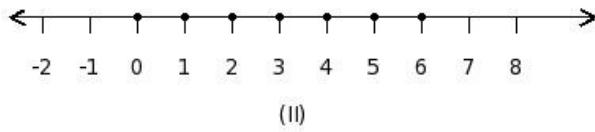
- (i) II (ii) III (iii) IV (iv) I

Identify the solution for the inequality

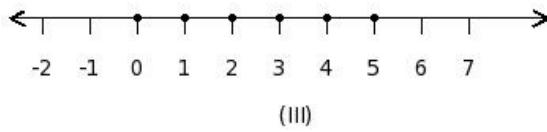
35. $(-4x+12) \geq 0, x \in \mathbb{W}$



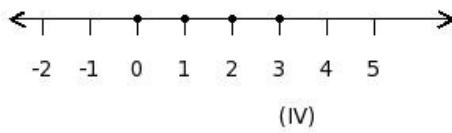
(I)



(II)



(III)



(IV)

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

Assignment Key

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