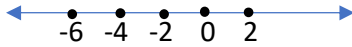


Linear Inequalities Worksheet – 1

1. i) $x = \{-4, -2, 0\}$

ii) $x = \{1, 2\}$

3.



5. $m = \{-2, -1, 0, 1, 2, \dots\}$

7. $p = \{-5, -4, -3, -2, -1, 0, 1, 2, 3, \dots\}$

9. $y = \{8, 9, 10, 11, 12, \dots\}$

11. $x = \{1, 2, 3, 4\}$

13. $x = \{-3, -2, -1, 0\}$

15. $y = \{-6, -4, -2, 0, 2, 4, 6\}$

17. $P = \{1, 2, 3, 4, 5\}$

19. $x = \{1, 2, 3, 4\}$

2. i) $x = \{1, 2, 3, 4, 5\}$

ii) $x = \{0, 1, 2, 3, 4, 5, 6, 7\}$

4. i) $x = \{1, 2, 3, 4, 5, 6, 7, 8\}$

ii) $x = \{-1, 0, 1, 2, 5, 8\}$

6. $y = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11\}$

8. $P = \{0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15\}$

10. $z = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$

12. $y = \{0, 1, 2, 3, 4\}$

14. $x = \{-3, -4, -1, 0, 1, 3\}$

16. $x = \{-2, -1\}$

18. $y = \{0, 1, 2\}$

20. $x = \{-8, -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7\}$

Linear Inequalities Worksheet – 2

1. i) $x = \{-8, -7, -5, -3, -1, 0\}$

ii) $x = \{0, 1, 2, 3, 4\}$

3. $x = \{-1, 0, 1, 2, 3, 4, 5, 6\}$

5. $x = \{1, 2, 3\}$

7. $x = \{1, 2\}$

9. $x = \{-1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11\}$

11. $x = \{1, 2, 3, 4, 5, 6\}$

13. $x = \{3, 4, 5, 6, \dots\}$

15. $x = \{1, 2, 3, 4, 5, 6\}$

17. $x = \{\dots, -3, -2, -1\}$

19. $x = \{ \}$

2. $x = \{0, 1, 2\}$

4. $x = \{1, 2, 3\}$

6. $x = \{\dots, -4, -3, -2\}$

8. $m = \{\dots, -6, -5, -4\}$

10. $x = \{\dots, -5, -4, -3\}$

12. $x = \{0, 1, 2, 3\}$

14. $x = \{6, 7, 8, 9, 10, \dots, 27\}$

16. $x = \{-1, 0, 1, 2, 3, \dots\}$

18. $x = \{-5, -4, -3, -2, -1, 0, 1, 2, 3, \dots, 12\}$

20. $x = \{0, 1, 2, 3, 4, 5, 6, 7\}$

