

Linear Equations and Inequalities

Sr	Questions	Answers Choice
1	Solution of $5x - 10 = 10$ is	A. 0 B. 50 C. 4 D. -4
2	Question Image	D. 16
3	The graph of inequality $x > 0$ is half plane	A. Upper B. Left C. right D. lower
4	The solution of inequality $x < 1$ is	
5	$x=0$ is a solution of the inequality	A. $x > 0$ B. $3 < 0$ C. $x+2 < 0$ D. $x-2 < 0$
6	$x = \dots$ is not a solution of inequality $x < -3/2$	A. -1.5 B. -2.5 C. -3 D. -2
7	Question Image	A. Equation B. Identity C. Inequality D. Linear equation
8	If $7x + 4 < 6x + 6$, then x belongs to the interval	
9	The graph of inequality $y < 0$ is hlc plane	A. lower B. Upper C. Right D. Left
10	In the following linear equation is	A. $5x > 7$ B. $4x-2 < 1$ C. $2x+1 = 1$ D. $4 = 1+3$
11	$3x + 4 < 0$ is	A. Equation B. Inequality C. Identity D. Not inequality
12	The degree of linear inequality is	A. 1 B. 2 C. 3 D. 4
13	The solution of inequality $x > 1$ is	
14	A vertical line divides the plane into	A. Left half plane B. Right half plane C. Full plane D. Two half plane
15	$(0,0)$ is solution of inequality	A. $4x + 5y > 8$ B. $3x + y > 6$ C. $-2x + 3y \leq b$ D. $x+y > 4$
16	Question Image	A. Closed lower B. Closed upper C. Open lower D. open upper
17	The solution region restricted to the first quadrant is called	A. Objective region B. Feasible region C. Solution region D. Constraints region
		A. Linear equation

18 The linear equation formed out of the linear inequality is called
B. Associated equation
C. Quadratic equal
D. None of these

19 Corner point is also called
A. Code
B. Vertex
C. Curve
D. Region

20 Question Image
A. Closed right
B. Closed left
C. Open right
D. Open left
