

Linear Equations and Inequalities

Sr	Questions	Answers Choice
1	Question Image	A. Colsed right B. Closed left C. Open right D. Open left
2	Solution of $5x - 10 = 10$ is	A. 0 B. 50 C. 4 D. -4
3	The linear equation formed out of the linear inequilty is called	A. Linear equation B. Associated equation C. Quadratic equal D. None of these
4	The solution region of inequality $x < 1$ is half plane	A. Close right B. Closed left C. Open right D. Open left
5	Corner point is also called	A. Code B. Vertex C. Curve D. Region
6	The solution of inequality $x < 1$ is	
7	$x = \dots\dots\dots$ is not a solution of inequality $x < -3/2$	A. -1.5 B. -2.5 C. -3 D. -2
8	The graph of inequality $x < 0$ is half plane	A. Lower B. Upper C. Right D. Left
9	The solution region of inequality $x < 1$ is half plane	A. Closed right B. Closed left C. Open right D. Open left
10	$3x + 4 < 0$ is	A. Equation B. Inequality C. Identity D. Not inequality
11	Question Image	A. Closed lower B. Closed Upper C. Open lower D. Open upper
12	If $7x + 4 < 6x + 6$, then x belongs to the interval	
13	The graph of inequality $y < 0$ is half plane	A. lower B. Upper C. Right D. Left
14	Question Image	A. Closed lower B. Closed upper C. Open lower D. open upper
15	Question Image	D. 16
16	Whcih of the following line does pass through the origin.	A. $y = 4$ B. $y = 4x$ C. $y = 4x + 5$ D. $y = -2$
17	A vertical line divides the plane into	A. Left half plane B. Right half plane C. Full plane D. None of these

D. Two half plane

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Question Image

A. Closed right

B. Closed left

C. Open right

D. Open left

19

A function that is to be maximized or minimized is called.

A. Solution function

B. Objective function

C. Feasible function

D. None of these

20

The graph of inequality $y > 0$ is half plane.

A. lower

B. Upper

C. Right

D. Left