



Name

Score

Determine if the given point is a solution of the inequalities.

$$\begin{aligned} y &> 2x - 1 \\ y &\leq -x + 5 \\ \text{Test Point: } &(2, 3) \end{aligned}$$

$$\begin{aligned} x + y &< 6 \\ y &\geq x - 1 \\ \text{Test Point: } &(1, 4) \end{aligned}$$

$$\begin{aligned} y &\geq -3x + 2 \\ y &< x + 4 \\ \text{Test Point: } &(0, 2) \end{aligned}$$

$$\begin{aligned} y &< x \\ x + y &> 0 \\ \text{Test Point: } &(-2, -3) \end{aligned}$$

$$\begin{aligned} 2x + y &\geq 4 \\ y &\leq -x + 3 \\ \text{Test Point: } &(3, -1) \end{aligned}$$

$$\begin{aligned} y &> 2 - x \\ y &\leq 3 \\ \text{Test Point: } &(-1, 3) \end{aligned}$$

$$\begin{aligned} x &\geq 0 \\ y &\leq 0 \\ \text{Test Point: } &(5, -4) \end{aligned}$$

$$\begin{aligned} y &< \frac{1}{2}x + 1 \\ y &> -2x - 3 \\ \text{Test Point: } &(4, 0) \end{aligned}$$

$$\begin{aligned} 3x - 2y &\geq 6 \\ x + y &\leq 4 \\ \text{Test Point: } &(5, -4) \end{aligned}$$

$$\begin{aligned} y &\leq -x + 1 \\ -x + y &\geq -5 \\ \text{Test Point: } &(3, -2) \end{aligned}$$



Determine if the given point is a solution of the inequalities.

No, the point  $(2, 3)$  is not a solution.

Yes, the point  $(1, 4)$  is a solution.

Yes, the point  $(0, 2)$  is a solution.

No, the point  $(-2, -3)$  is not a solution.

Yes, the point  $(3, -1)$  is a solution.

No, the point  $(-1, 3)$  is not a solution.

Yes, the point  $(5, -4)$  is a solution.

Yes, the point  $(4, 0)$  is a solution.

Yes, the point  $(2, -1)$  is a solution.

Yes, the point  $(3, -2)$  is a solution.