

## Quiz: Systems of Linear Inequalities

Solve the following system of inequalities graphically.

1. 
$$\begin{aligned} y &< 3x - 1 \\ y &> x + 1 \end{aligned}$$

2. 
$$\begin{aligned} y &> x + 6 \\ y &\geq 3x + 4 \end{aligned}$$

3. 
$$\begin{aligned} y &\leq 2x + 1 \\ y &\geq x + 2 \end{aligned}$$

4. 
$$\begin{aligned} y &\geq 2x + 5 \\ y &> x + 5 \end{aligned}$$

5. 
$$\begin{aligned} y &> 2x - 3 \\ y &\leq x - 2 \end{aligned}$$

6. 
$$\begin{aligned} y &< x - 7 \\ y &\geq 1 - 7x \end{aligned}$$

7. 
$$\begin{aligned} y &> 5x - 1 \\ y &\geq x - 1 \end{aligned}$$

8. 
$$\begin{aligned} y &\leq 3x - 6 \\ y &> 2x - 4 \end{aligned}$$

9. 
$$\begin{aligned} y &\leq x - 10 \\ y &< 2 - 5x \end{aligned}$$

10. 
$$\begin{aligned} y &> x + 9 \\ y &\geq 9x + 1 \end{aligned}$$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%