

Quiz: Graphing Systems of Inequalities

Solve the following systems of inequalities graphically.

1.
$$\begin{cases} y \leq 1 - 2x \\ y < -1 \end{cases}$$

2.
$$\begin{cases} 2y \leq 2x - 10 \\ y \geq -4 \end{cases}$$

3.
$$\begin{cases} y > x + 6 \\ y > 2 \end{cases}$$

4.
$$\begin{cases} y \geq 8 - 3x \\ y < 2 \end{cases}$$

5.
$$\begin{cases} y \geq 4 - 3x \\ y < 2 - x \end{cases}$$

6.
$$\begin{cases} y \leq 5x + 7 \\ y \geq x \end{cases}$$

7.
$$\begin{cases} y < x + 4 \\ y > 3 \end{cases}$$

8.
$$\begin{cases} y < 3x + 7 \\ y > -2 \end{cases}$$

9.
$$\begin{cases} 4y > 4x - 8 \\ y \leq -1 \end{cases}$$

10.
$$\begin{cases} y < 5x + 8 \\ y < 3 \end{cases}$$

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%