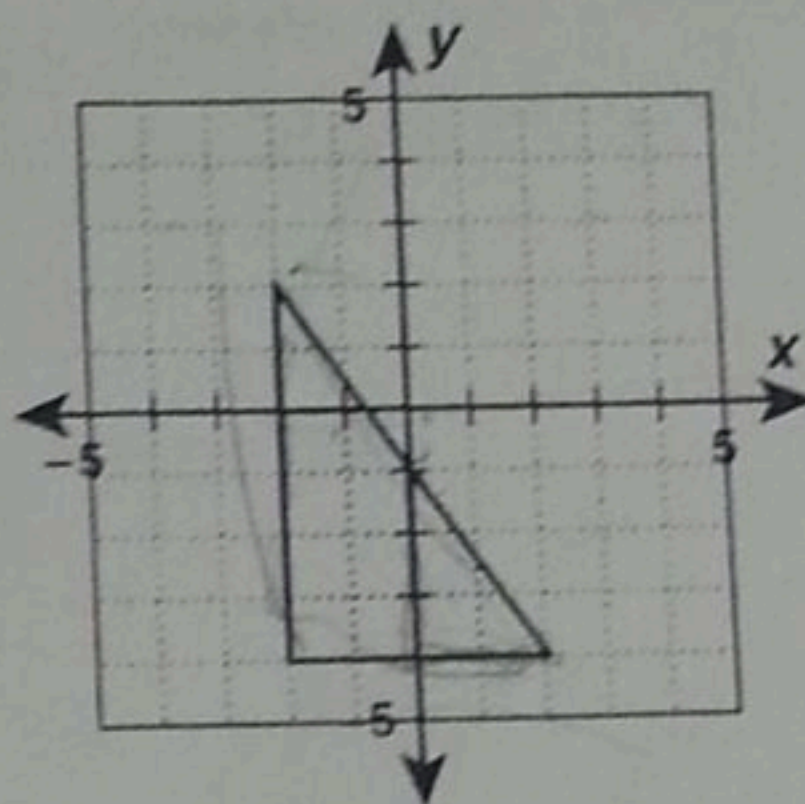


Describe the shaded region of the graph by writing a system of inequalities consisting of three different linear inequalities. To write this system, follow these steps:

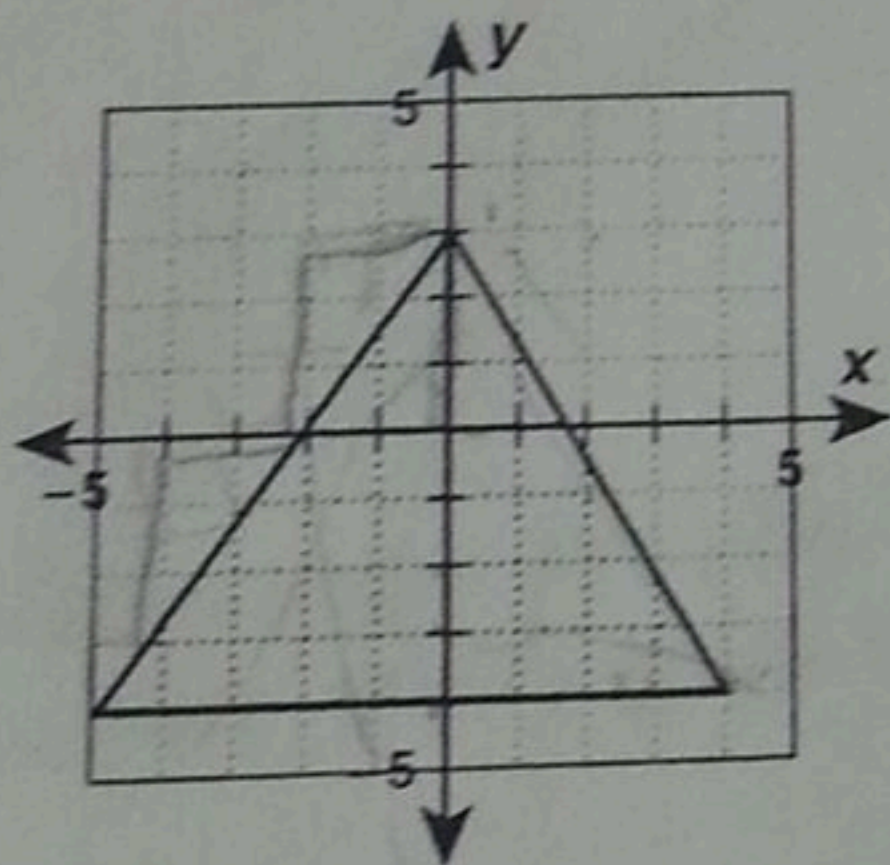
1. Determine the slope and y -intercept of each line.
2. Write inequalities in slope-intercept form.
3. If the line is solid use either $\leq$ or $\geq$. If the line is dashed, use either $<$ or $>$.
4. If the shaded region is "above" the line use the symbol $>$, and if the shaded region is "below" the line, use the symbol $<$.

For example, the system of inequalities that describes the region below is
$$\begin{cases} x \geq -2 \\ y \geq -4 \\ y \leq -\frac{3}{2}x - 1 \end{cases}$$

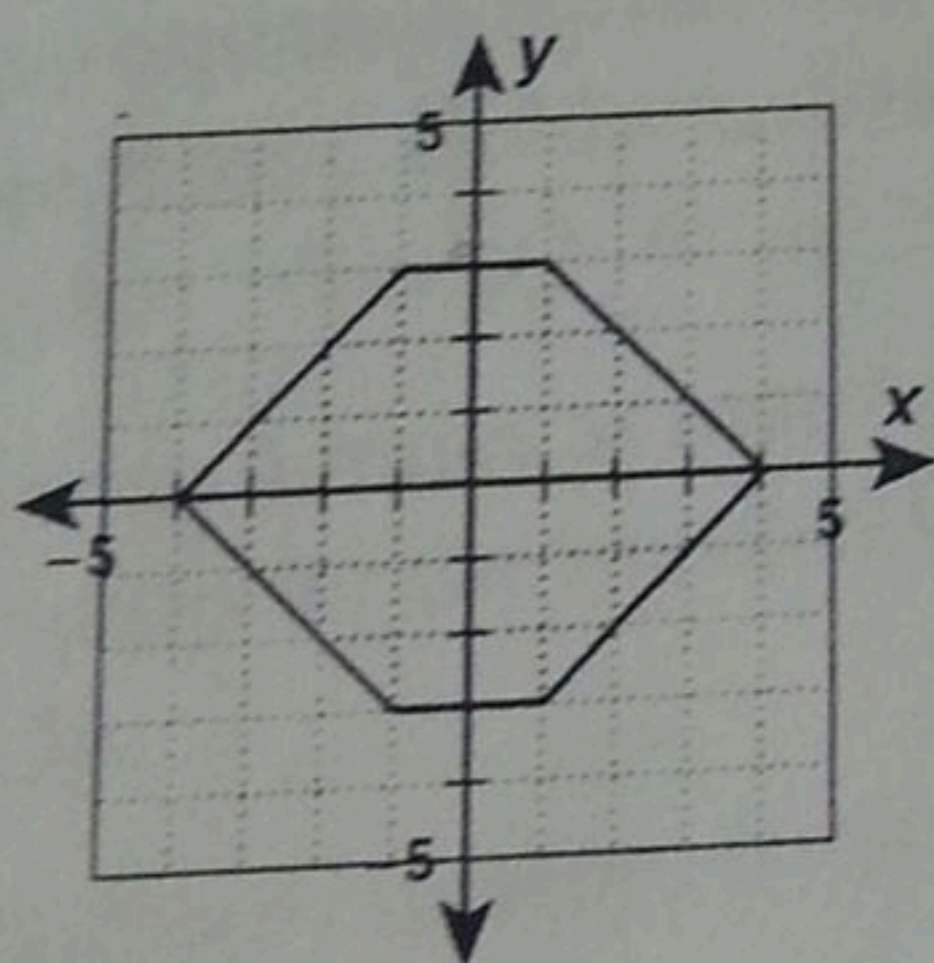


Write a system of inequalities that describes each region.

1.



2.



3.

