
Systems of Equations: Lesson 8

Systems of Inequalities: Notes

Name: _____



Inequalities:



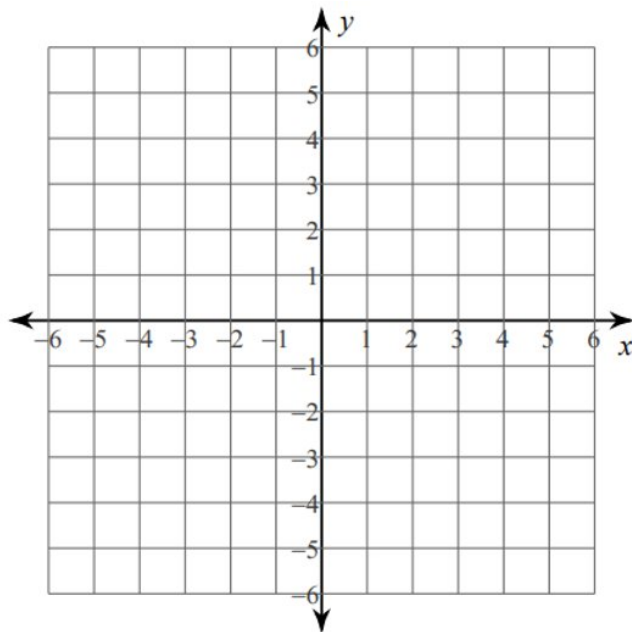
greater than:



less than:

Solve:

$$\begin{cases} y < 2x + 4 \\ -3x - 2y \geq 6 \end{cases}$$



Write a system of inequalities from this graph:

1. Get the equations off the graph.
2. Decide if it is *greater than* or *less than*.
3. Decide if it is "or equal to" (solid) or not (dotted).

