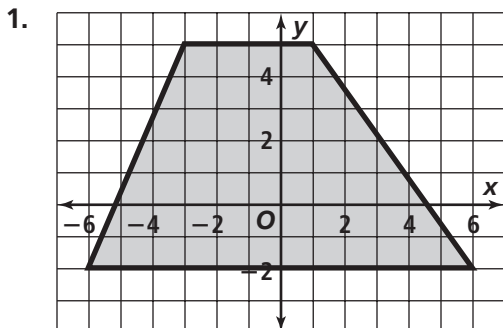


Enrichment 3-3

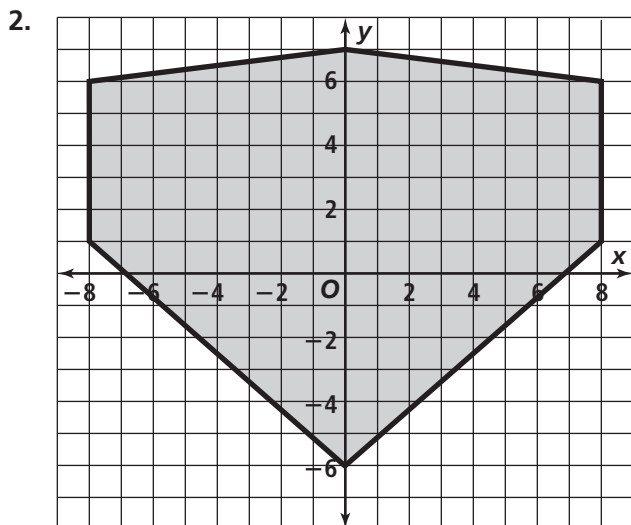
Graphing Systems of Inequalities

The regions below were formed by graphing several inequalities. Write the coordinates of each vertex of the figure. Study each graph, and determine the inequalities used.



Vertices:

Inequalities:



Vertices:

Inequalities:

- For each graph, choose one point in the region. Explain how that point satisfies each of the inequalities.
- For each graph, choose a point outside the region that satisfies one or more of the inequalities but not all of them.