

## Polygons of Constraints (BASIC) WORKSHEET

Graph the following constraints to create polygons of constraints.

$$y > -4$$

$$x \leq 3$$

$$y \geq 2x - 5$$

$$y < -1x$$

$$y \leq 6$$

Part of the solution is on the line \_\_\_\_\_

Part of the solution is on the line \_\_\_\_\_

Part of the solution is on the line \_\_\_\_\_

The solution is NOT on the line \_\_\_\_\_

The solution is NOT on the line \_\_\_\_\_

This is a bounded / unbounded polygon of constraints.

Graph the following constraints to create polygons of constraints.

$$y > -1$$

$$x \leq 6$$

$$y < -1/3x + 8$$

$$x > -7$$

$$y > 3/2x - 6$$

Part of the solution is on the line \_\_\_\_\_

The solution is NOT on the line \_\_\_\_\_

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