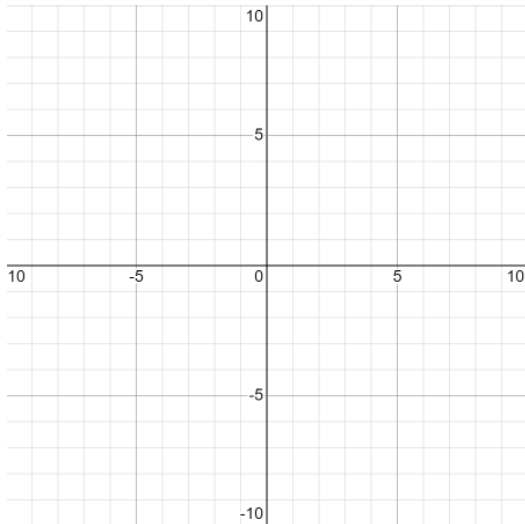


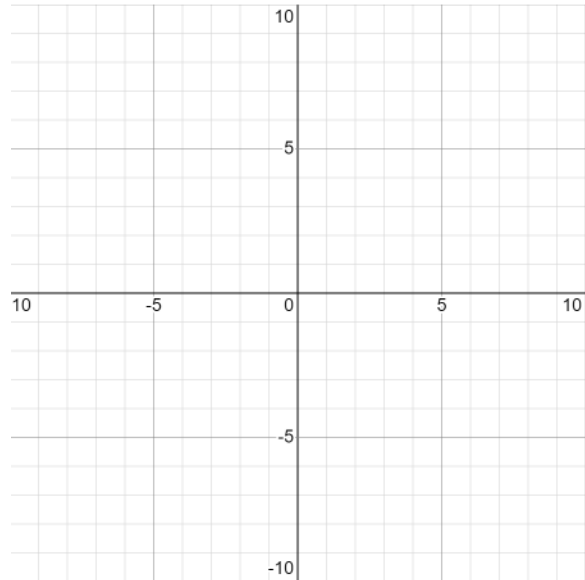
# MATH 0372 – LINEAR INEQUALITIES – SYSTEMS OF INEQUALITIES

Instructions: Graph the solution set for each of the following:

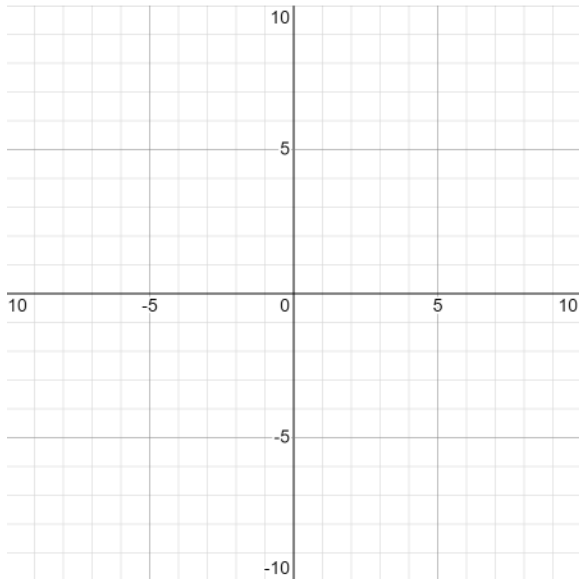
1.  $y < 2x + 3$



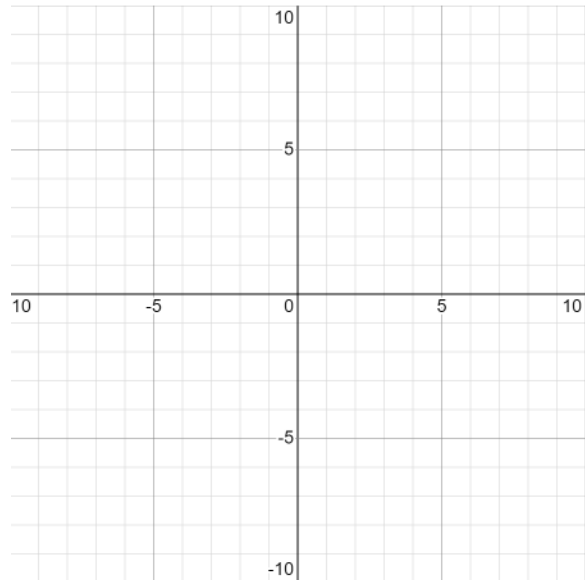
3.  $2x - 3y > 6$



2.  $2x - y \geq -4$

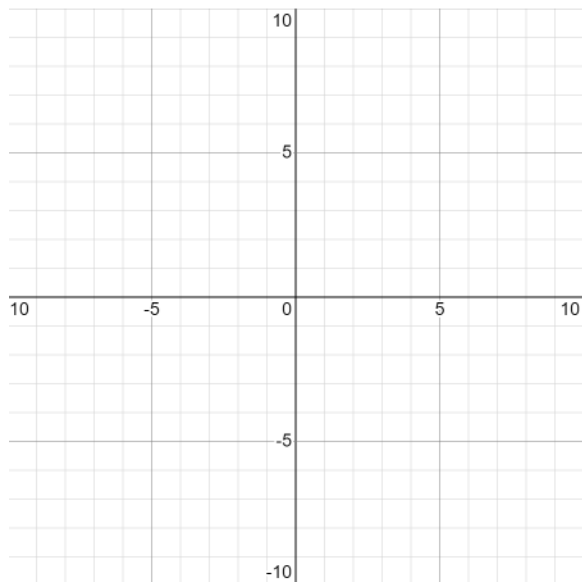


4.  $-y < -x - 6$

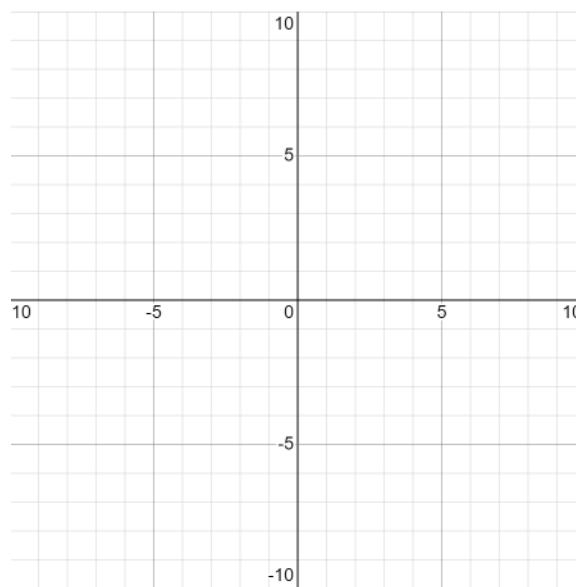


# MATH 0372 – LINEAR INEQUALITIES – SYSTEMS OF INEQUALITIES

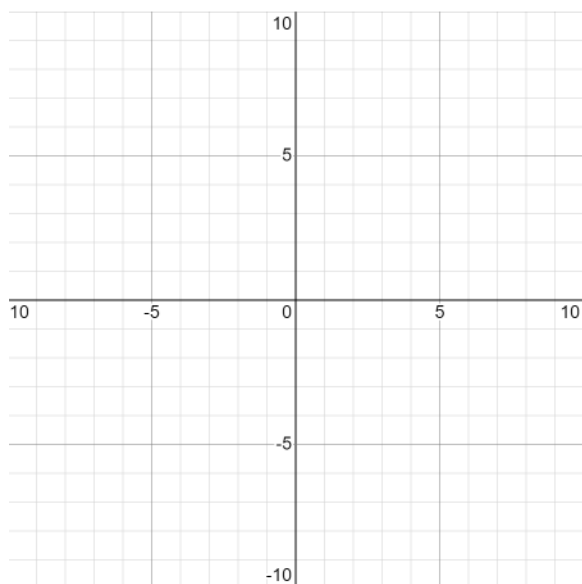
5.  $x \leq 2y - 3$



7.  $5y < -10x$

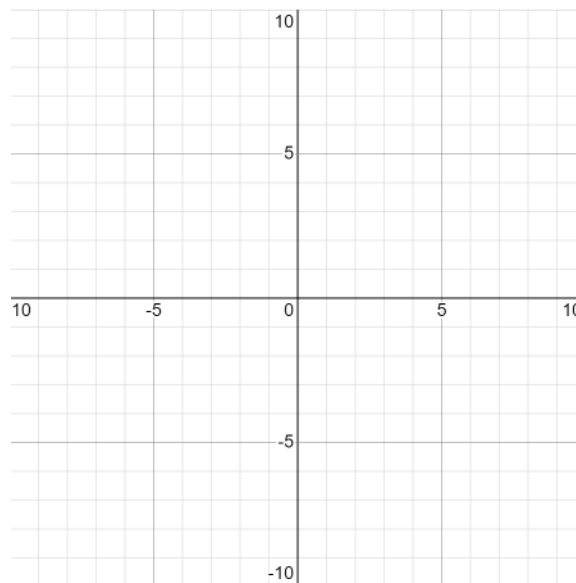


6.  $-2x + 5y > 7$



8.  $2x - y < 2$

$$\frac{1}{2}x + y > \frac{3}{2}$$



# MATH 0372 – LINEAR INEQUALITIES – SYSTEMS OF INEQUALITIES

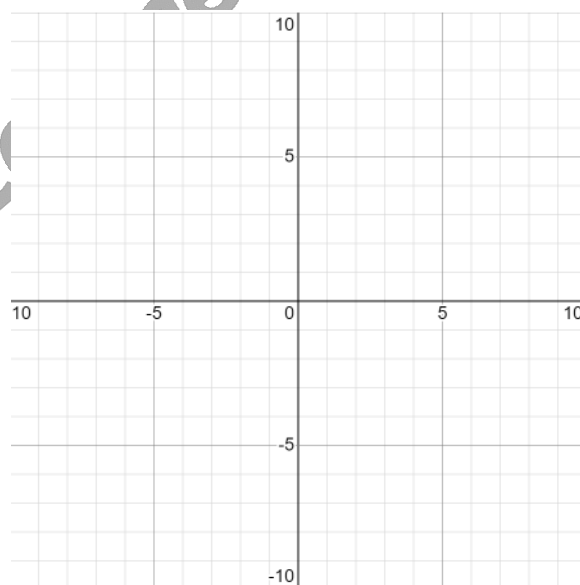
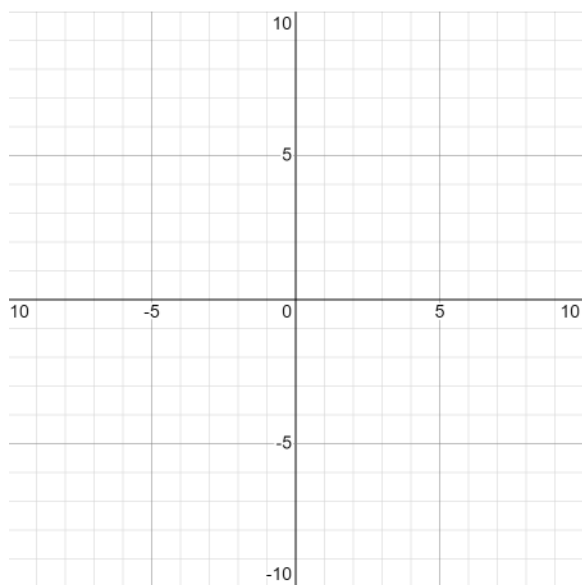
$$x \leq -3y + 3$$

10.  $4x - 4 < 4$

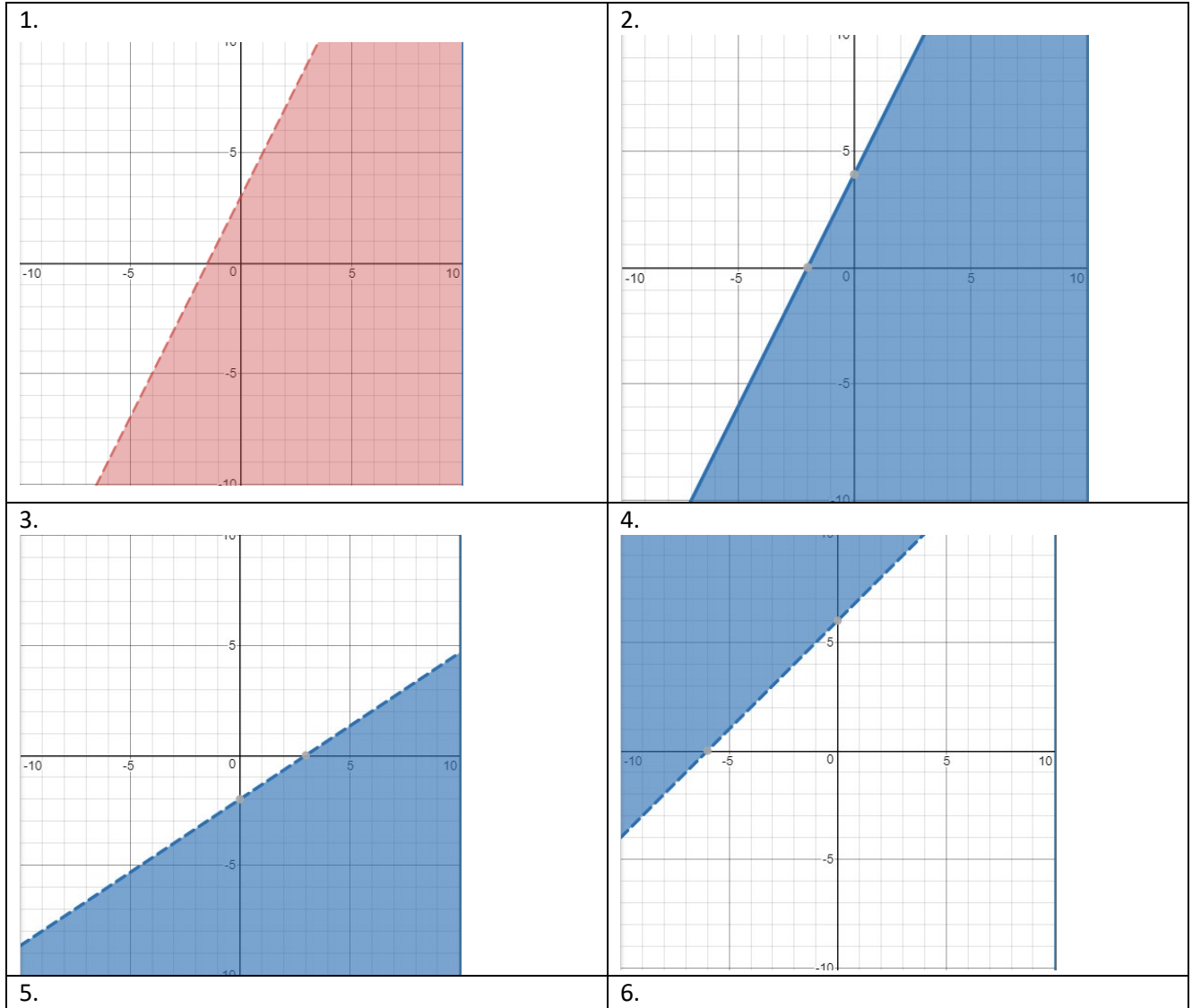
$$x + y > 6$$

$$x \geq 2$$

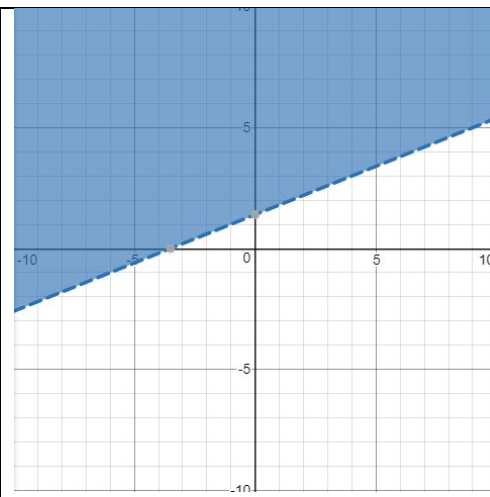
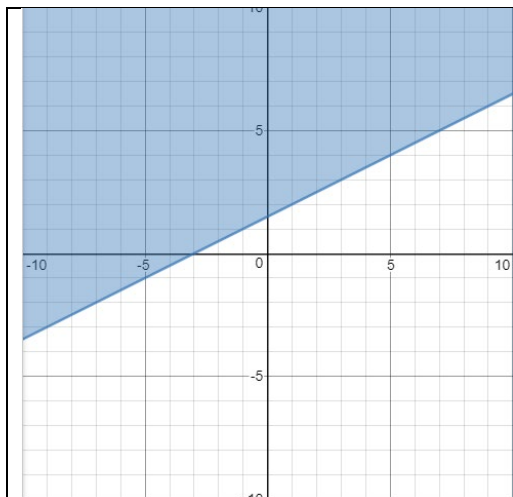
9.  $-y + 5x < 5$



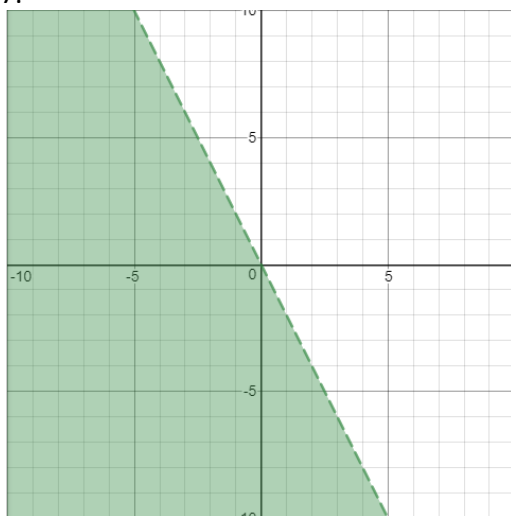
# MATH 0372 – LINEAR INEQUALITIES – SYSTEMS OF INEQUALITIES



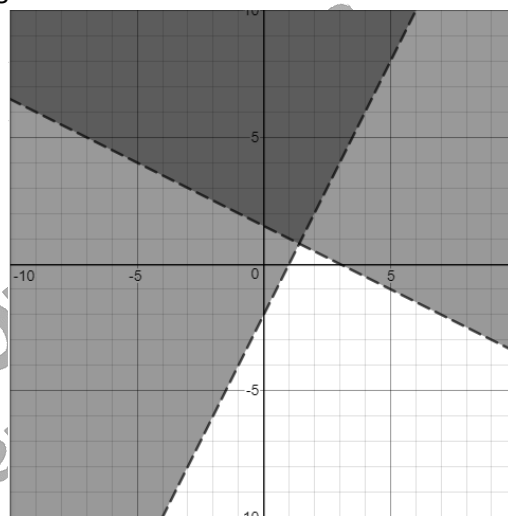
# MATH 0372 – LINEAR INEQUALITIES – SYSTEMS OF INEQUALITIES



7.



8.



9.

10.

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# MATH 0372 – LINEAR INEQUALITIES – SYSTEMS OF INEQUALITIES

