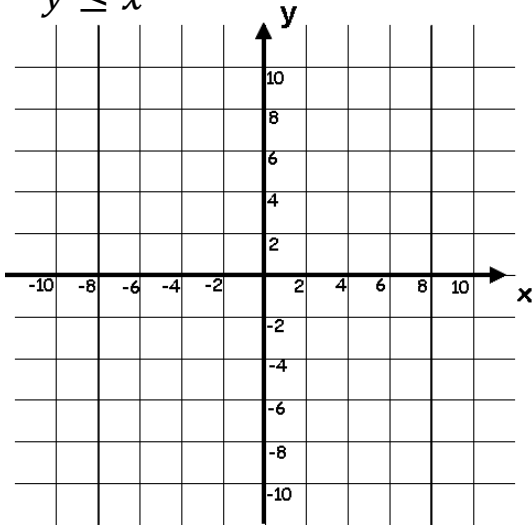


Graphing Inequalities

Show the regions that satisfy the inequality(ies) given on the set of axes.

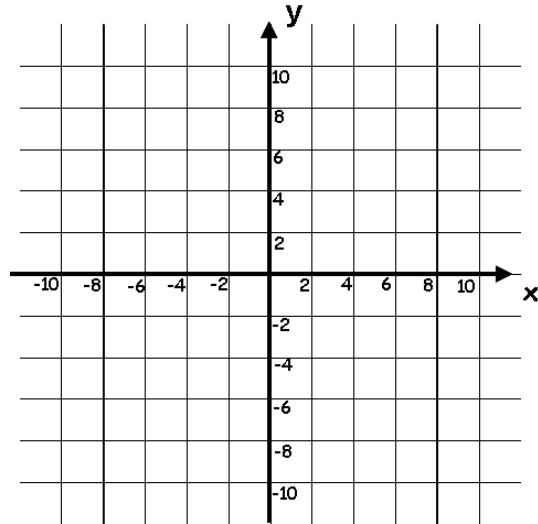
a) $y \leq x$



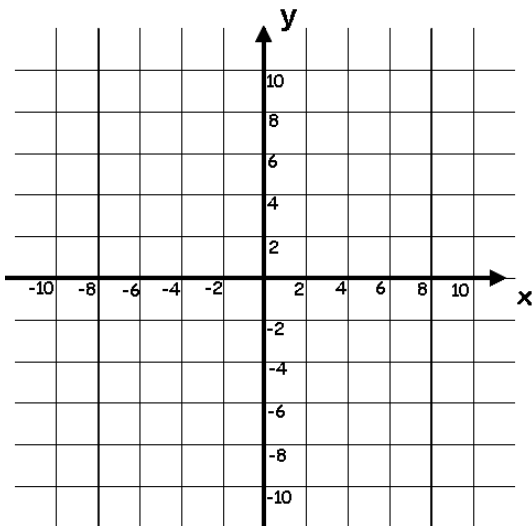
d) $y \geq x - 2$ and $y < x + 1$

x	0	1	2
y			

x	0	1	2
y			



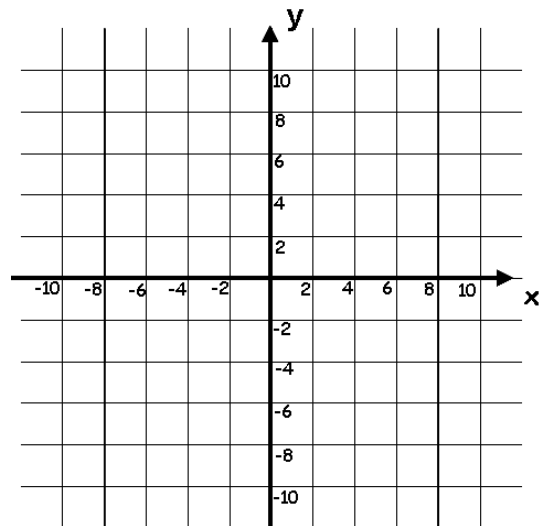
b) $y > x$ and $x \geq 5$



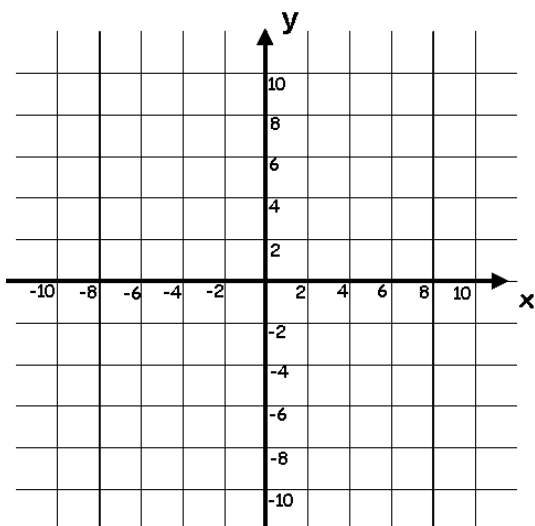
e) $y > 2x$ and $y > \frac{1}{2}x$

x	0	1	2
y			

x	0	1	2
y			



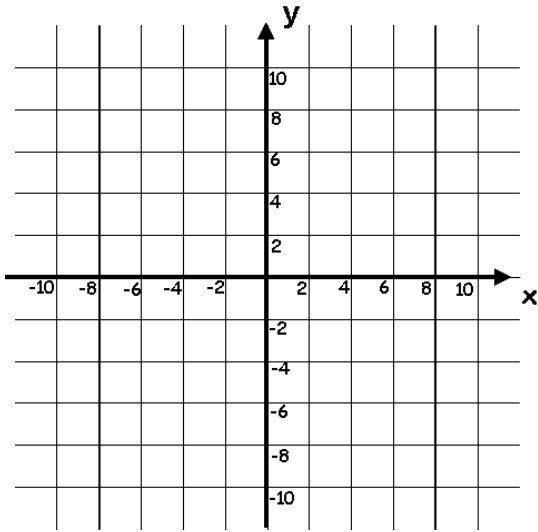
c) $y < x, y > 2$ and $x < 6$



f) $y > 3x$ and $y < 2 - x$

x	0	1	2
y			

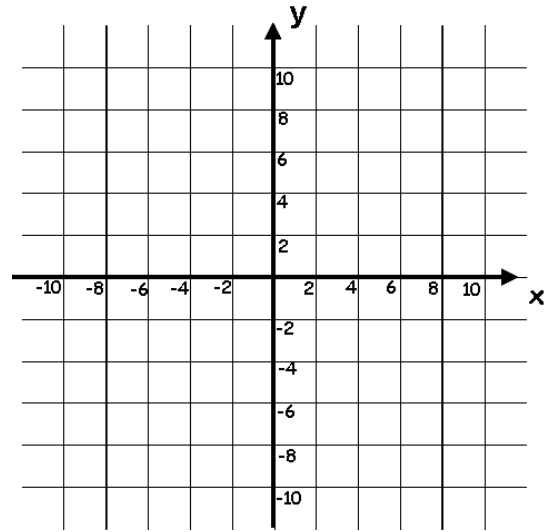
x	0	1	2
y			



h) $y \geq 2x + 1$ and $y < x + 1$

x	0	1	2
y			

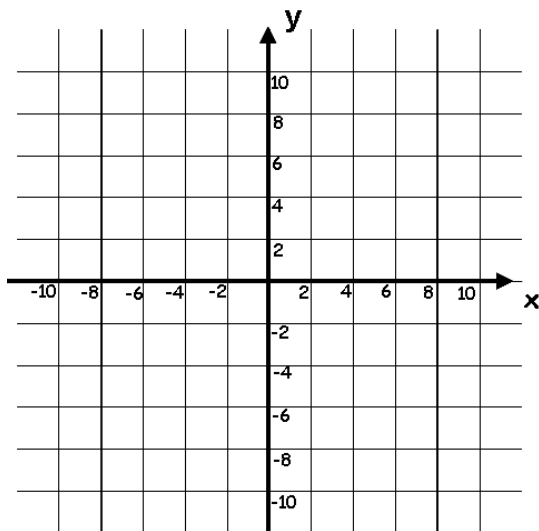
x	0	1	2
y			



g) $y \geq x - 4$ and $y < 4 - 2x$

x	0	1	2
y			

x	0	1	2
y			



i) $y > 4x + 1$ and $y > -2 - x$

x	0	1	2
y			

x	0	1	2
y			

