

Name : _____

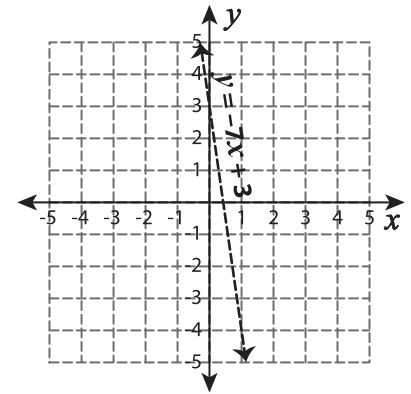
Graphing Linear Inequalities

Sheet 3

1) a) Shade the half-plane that contains the point $(-1, 1)$.

b) Write the inequality that represents the graph.

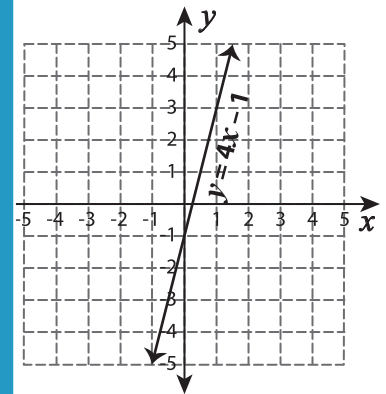
c) Is $(0, 3)$ a solution of $y < -7x + 3$?



2) a) Shade the half-plane that contains the point $(-1, 1)$.

b) Write the inequality that represents the graph.

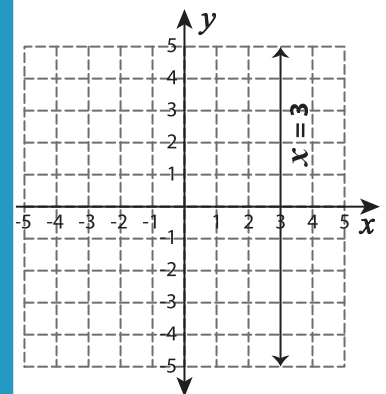
c) Is $(2, -2)$ a solution of $y < 4x - 1$?



3) a) Shade the half-plane that contains the point $(-1, 1)$.

b) Write the inequality that represents the graph.

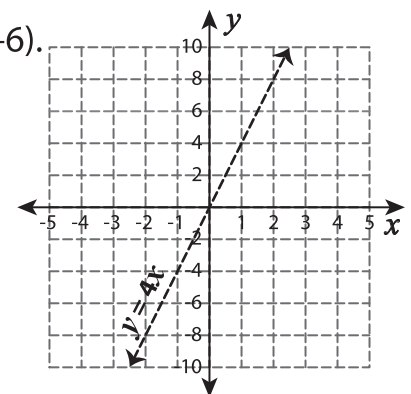
c) Is $(4, -4)$ a solution of $x = 3$?



4) a) Shade the half-plane that does not contain the point $(-4, -6)$.

b) Write the inequality that represents the graph.

c) Is $(-3, 4)$ a solution of $y > 4x$?



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