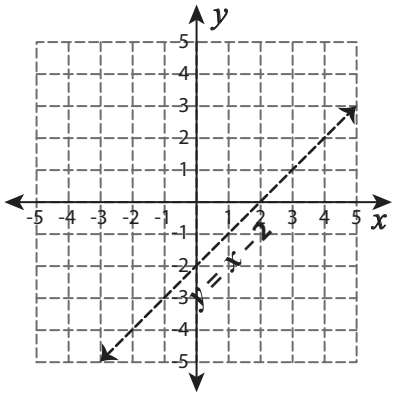
Name : _____

Graphing Linear Inequalities

Sheet 2

1) a) Shade the half-plane that contains the point (3, 4).



b) Write the inequality that represents the graph.

_____

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

_____

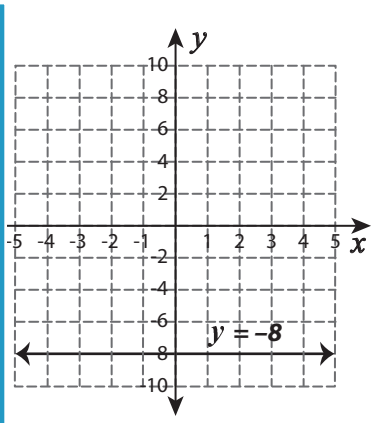
2) a) Shade the half-p

b) Write the inequa

_____

c) Is (0,–10) a solut

_____



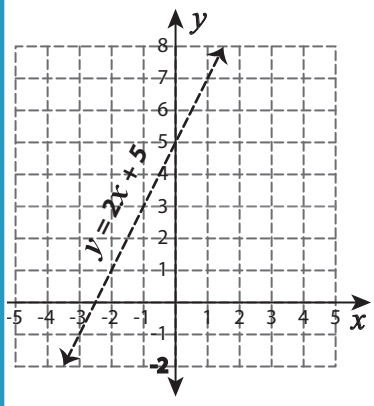
3) a) Shade the half-p

b) Write the inequa

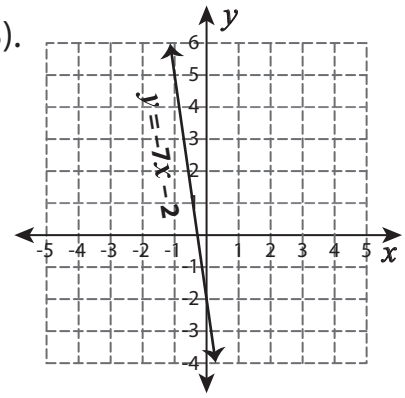
_____

c) Is (1, 5) a solutio

_____



4) a) Shade the half-plane that does not contain the point (0, –3).



b) Write the inequality that represents the graph.

_____

c) Is (–1, 4) a solution of $y \leq -7x - 2$?

_____

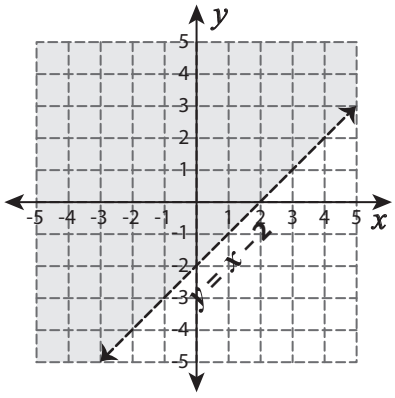
Name : _____

Answer key

Sheet 2

Graphing Linear Inequalities

1) a) Shade the half-plane that contains the point (3, 4).



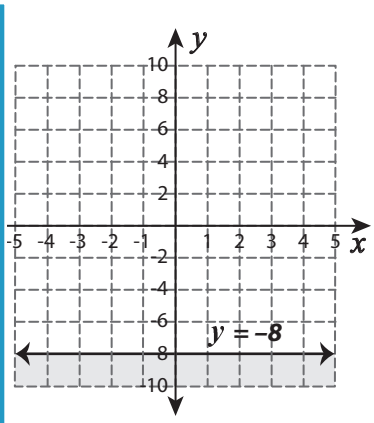
b) Write the inequality that represents the graph.

$y > x - 2$

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

Yes

2) a) Shade the half-p



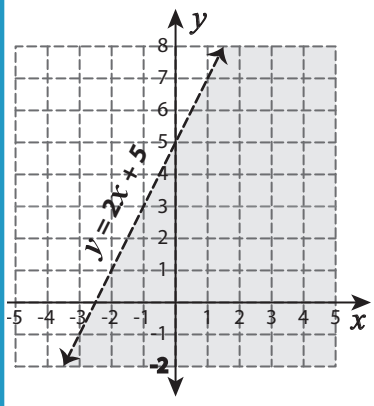
b) Write the inequa

$y \leq -8$

c) Is (0,–10) a solut

No

3) a) Shade the half-p



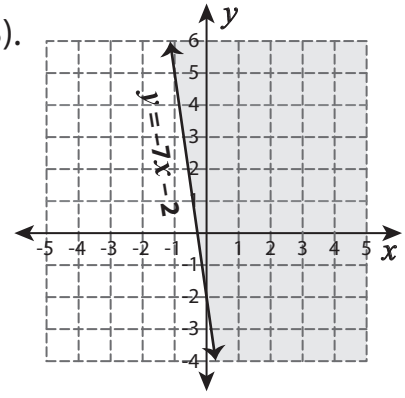
b) Write the inequa

$y < 2x +$

c) Is (1, 5) a solutio

No

4) a) Shade the half-plane that does not contain the point (0, –3).



b) Write the inequality that represents the graph.

$y \geq -7x - 2$

c) Is (–1, 4) a solution of $y \leq -7x - 2$?

Yes