Graphing Linear Inequalities in Two Variables · 1

Is (-1, -9) a solution of y < 2x + 2? Answer yes or no.

Graphing Linear Inequalities in Two Variables · 2

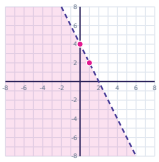
Is the boundary line of the graph of y > -2x + 4 solid or dashed?

Graphing Linear Inequalities in Two Variables · 3

To graph y ≤ x - 4, do you shade above or below the boundary line?

Graphing Linear Inequalities in Two Variables · 4

Write the inequality shown in the graph. The boundary line is dashed.



Graphing Linear Inequalities in Two Variables · 5

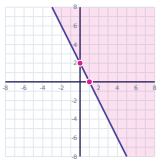
Is (0, -5) a solution of y > -x - 4? Answer yes or no.

Graphing Linear Inequalities in Two Variables · 6

Is the boundary line of the graph of y > -x + 1 solid or dashed?

Graphing Linear Inequalities in Two Variables · 7

Write the inequality shown in the graph. The boundary line is solid.



Graphing Linear Inequalities in Two Variables · 8

Is (-1, 3) a solution of y > -2x - 5? Answer yes or no.

Graphing Linear Inequalities in Two Variables · 2

ANSWER

dashed

Graphing Linear Inequalities in Two Variables · 1

ANSWER

yes

Graphing Linear Inequalities in Two Variables · 4

ANSWER

y < -2x + 4

Graphing Linear Inequalities in Two Variables · 3

ANSWER

below

Graphing Linear Inequalities in Two Variables · 6

ANSWER

dashed

Graphing Linear Inequalities in Two Variables · 5

ANSWER

no

Graphing Linear Inequalities in Two Variables · 8

ANSWER

yes

Graphing Linear Inequalities in Two Variables · 7

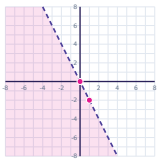
ANSWER

y ≥ -2x + 2

Is the boundary line of the graph of $y \leq -2x - 1$ solid or dashed?

To graph $y \leq -x + 2$, do you shade above or below the boundary line?

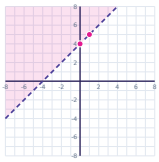
Write the inequality shown in the graph. The boundary line is dashed.



Is $(-1, -2)$ a solution of $y > -2x - 4$? Answer yes or no.

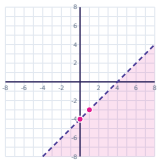
Is the boundary line of the graph of $y \geq x - 2$ solid or dashed?

Write the inequality shown in the graph. The boundary line is dashed.



Is $(4, 0)$ a solution of $x + 2y \leq 4$? Answer yes or no.

Write the inequality shown in the graph. The boundary line is dashed.



Graphing Linear Inequalities in Two Variables · 10

ANSWER

below

Graphing Linear Inequalities in Two Variables · 9

ANSWER

solid

Graphing Linear Inequalities in Two Variables · 12

ANSWER

no

Graphing Linear Inequalities in Two Variables · 11

ANSWER

y < -2x

Graphing Linear Inequalities in Two Variables · 14

ANSWER

y > x + 4

Graphing Linear Inequalities in Two Variables · 13

ANSWER

solid

Graphing Linear Inequalities in Two Variables · 16

ANSWER

y < x - 4

Graphing Linear Inequalities in Two Variables · 15

ANSWER

yes

Graphing Linear Inequalities in Two Variables · 17

To graph y ≤ -2x + 4, do you shade above or below the boundary line?

Graphing Linear Inequalities in Two Variables · 18

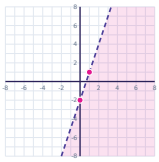
The boundary line of an inequality is solid, has a slope of -3 and a y-intercept of 2, and the region below the line is shaded. Write the inequality.

Graphing Linear Inequalities in Two Variables · 19

Is (-1, 2) a solution of -2x - 3y ≥ -3? Answer yes or no.

Graphing Linear Inequalities in Two Variables · 20

Write the inequality shown in the graph. The boundary line is dashed.



Graphing Linear Inequalities in Two Variables · 21

Is the boundary line of the graph of -3x + 2y ≥ -1 solid or dashed?

Graphing Linear Inequalities in Two Variables · 22

Is (-3, 6) a solution of y > -2x - 4? Answer yes or no.

Graphing Linear Inequalities in Two Variables · 23

Is the boundary line of the graph of y > 2x - 1 solid or dashed?

Graphing Linear Inequalities in Two Variables · 24

To graph y ≤ -2x - 2, do you shade above or below the boundary line?

Graphing Linear Inequalities in Two Variables · 18

ANSWER

$y \leq -3x + 2$

Graphing Linear Inequalities in Two Variables · 17

ANSWER

below

Graphing Linear Inequalities in Two Variables · 20

ANSWER

$y < 3x - 2$

Graphing Linear Inequalities in Two Variables · 19

ANSWER

no

Graphing Linear Inequalities in Two Variables · 22

ANSWER

yes

Graphing Linear Inequalities in Two Variables · 21

ANSWER

solid

Graphing Linear Inequalities in Two Variables · 24

ANSWER

below

Graphing Linear Inequalities in Two Variables · 23

ANSWER

dashed