

7.4 Answers

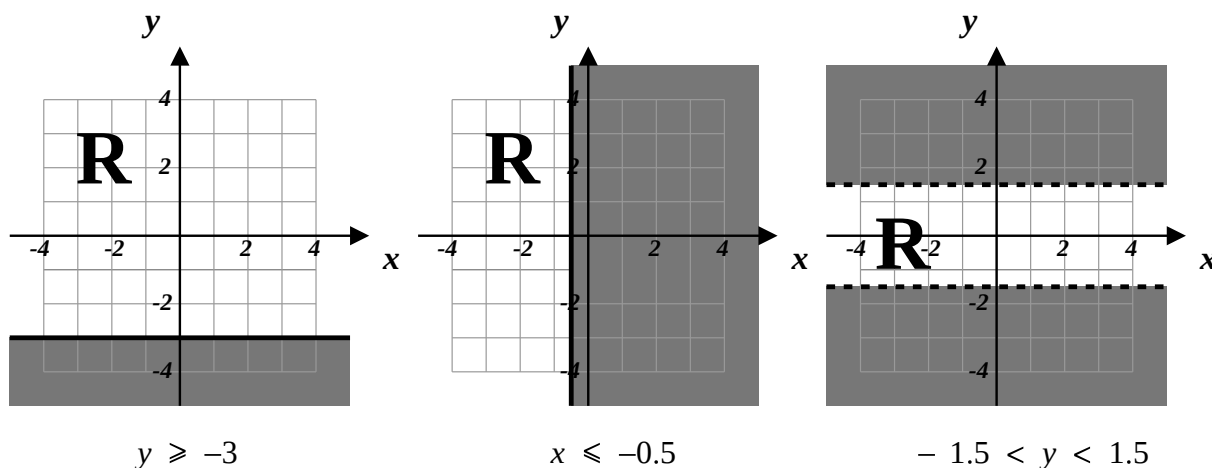
Answer 1

I've shaded the region **NOT** wanted and to be *thrown away*.

The shading is unimportant.

It's in which region you place the letter **R** that is crucial.

Also look carefully at each boundary : broken or a solid line ?



Answer 2

The region R is;

$$x \leq 3$$

$$y > 1.5$$

$$-2.5 \leq y < 1$$

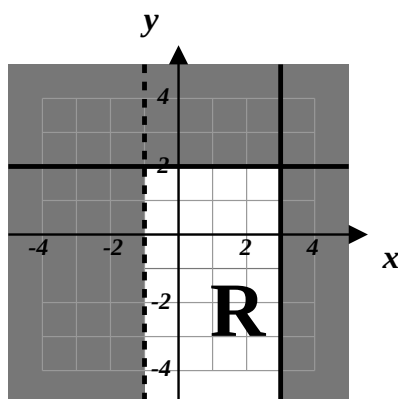
Answer 3

I've shaded the region **NOT** wanted and to be *thrown away*.

The shading is unimportant.

It's in which region you place the letter **R** that is crucial.

Also look carefully at each boundary : broken or a solid line ?



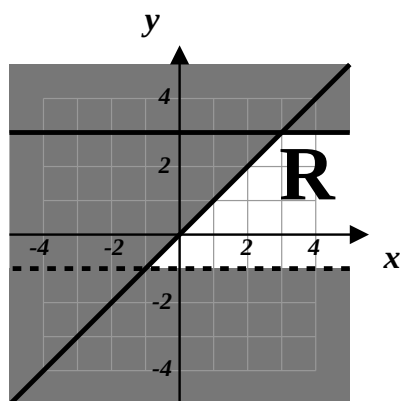
Answer 4

I've shaded the region **NOT** wanted and to be *thrown away*.

The shading is unimportant.

It's in which region you place the letter **R** that is crucial.

Also look carefully at each boundary : broken or a solid line ?



Answer 5

$$x \geq -2 \quad \text{and} \quad y \geq 1$$

Answer 6

$$-3 \leq x \leq -1 \quad \text{and} \quad -3 < y < 1$$

Answer 7

I've shaded the region **NOT** wanted and to be *thrown away*.

The shading is unimportant.

It's in which region you place the letter **R** that is crucial.

Also look carefully at each boundary : broken or a solid line ?

