



Interpret feasible regions in context

- 1** Is the point $(-6, 6)$ part of the solution set of this linear inequality?

$$y < x + 6$$

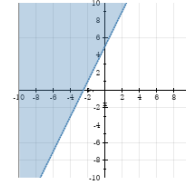
A

No

B

Yes

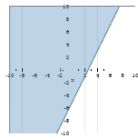
- 2** For the shaded solution set in this graph, is the point $(3, 3)$ part of the solution set?



A Yes

B No

- 3** Which coordinate pair is part of the shaded solution set?



A $(-3, -9)$

B $(4, -4)$

- 4** Is the point $(2, 1)$ part of the solution set of this pair of linear inequalities?

$$\begin{cases} y \leq x + 2 \\ y < -x - 3 \end{cases}$$

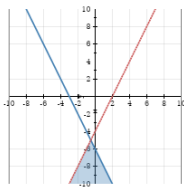
A

No

B

Yes

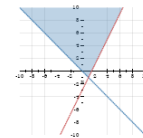
- 5** For the shaded solution set in this graph, is the point $(-1, -8)$ part of the solution set?



A Yes

B No

- 6** Which coordinate pair is part of the shaded solution set?



A $(-6, 2)$

B $(1, 6)$

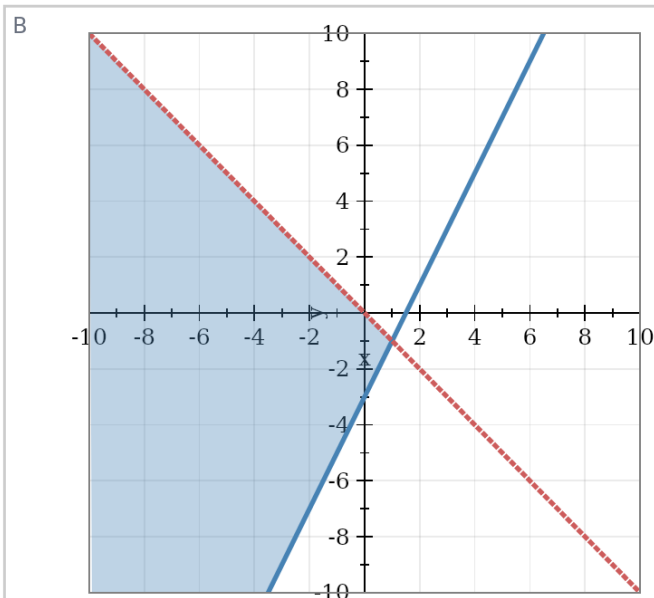
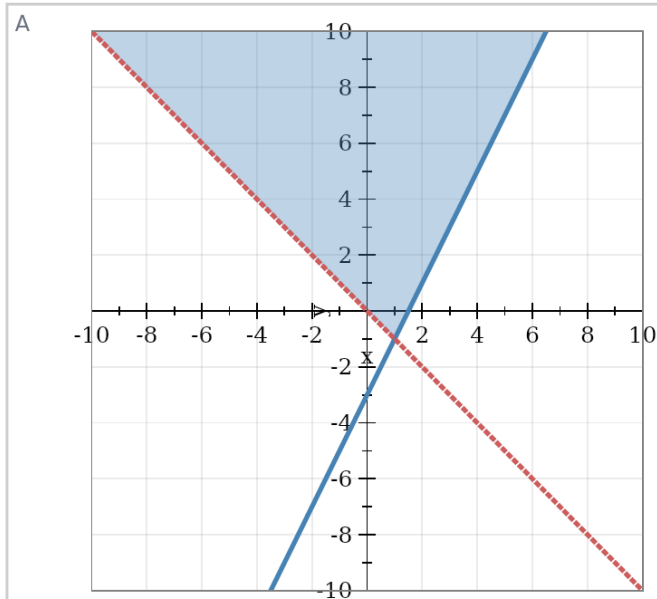


Interpret feasible regions in context

7

Which graph shows this pair of linear inequalities?

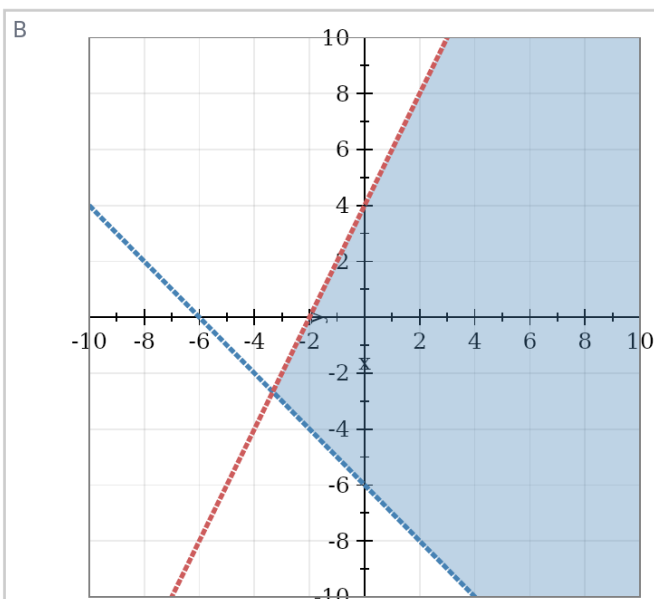
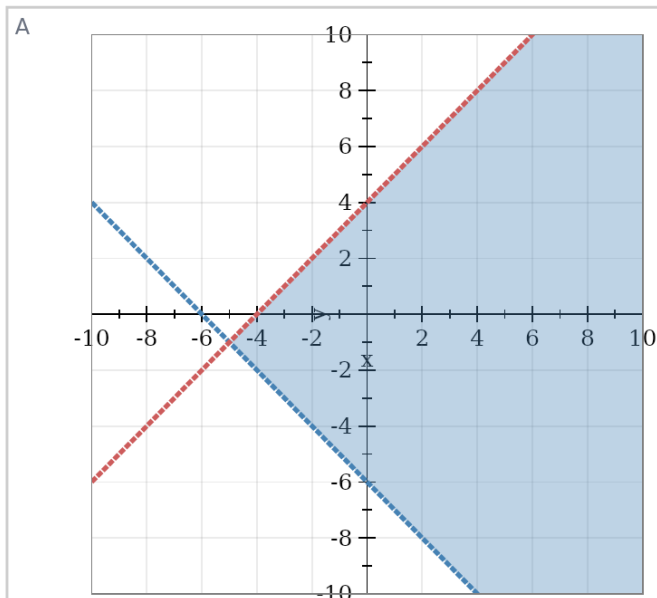
$$\begin{cases} y \geq 2x - 3 \\ y > -x \end{cases}$$



8

Which graph shows this pair of linear inequalities?

$$\begin{cases} y > -x - 6 \\ y < 2x + 4 \end{cases}$$



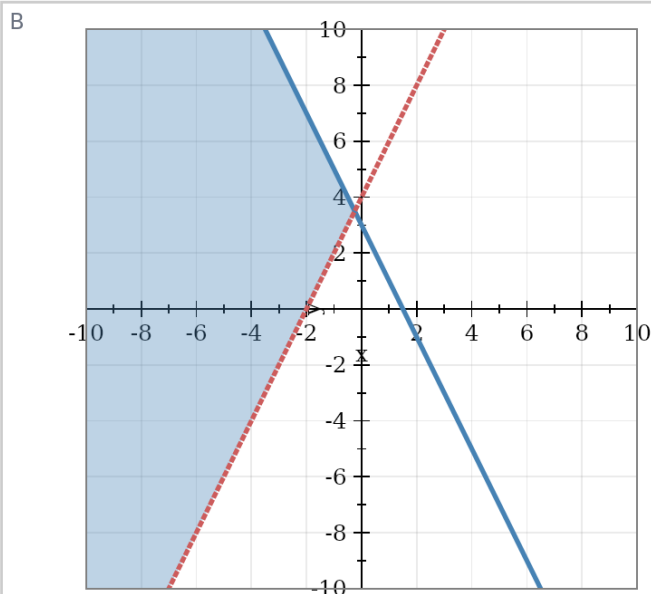
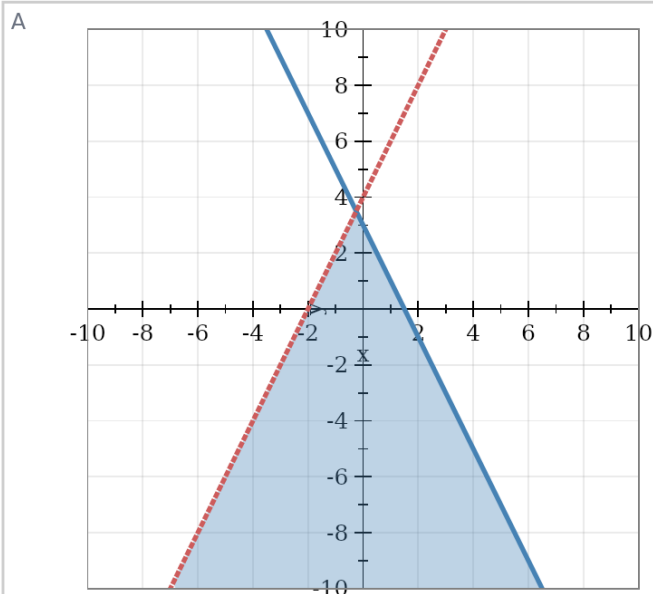


Interpret feasible regions in context

9

Which graph shows this pair of linear inequalities?

$$\begin{cases} y \leq -2x + 3 \\ y < 2x + 4 \end{cases}$$



10

Which graph shows this pair of linear inequalities?

$$\begin{cases} y \geq x - 2 \\ y < -2x + 6 \end{cases}$$

