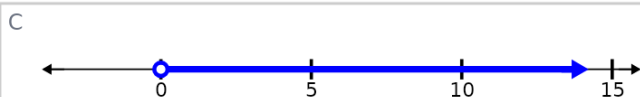
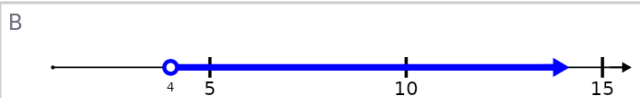




## Graph linear inequalities in two variables

- 1 Which number line shows this inequality?  
 $X < 4$



- 2 Which coordinate pair is part of the solution set of this linear inequality?  
 $y \geq -x - 3$

A  
 $(-6, 1)$

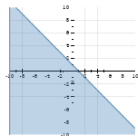
B  
 $(-5, 5)$

- 3 Is the point  $(6, -4)$  part of the solution set of this linear inequality?  
 $y < -2x - 6$

A  
No

B  
Yes

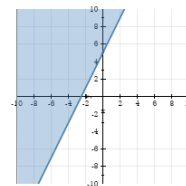
- 4 Which coordinate pair is part of the shaded solution set?



A  $(-9, -7)$

B  $(7, -3)$

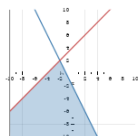
- 5 For the shaded solution set in this graph, is the point  $(-7, 1)$  part of the solution set?



A Yes

B No

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



A  $(7, -4)$

B  $(0, -9)$

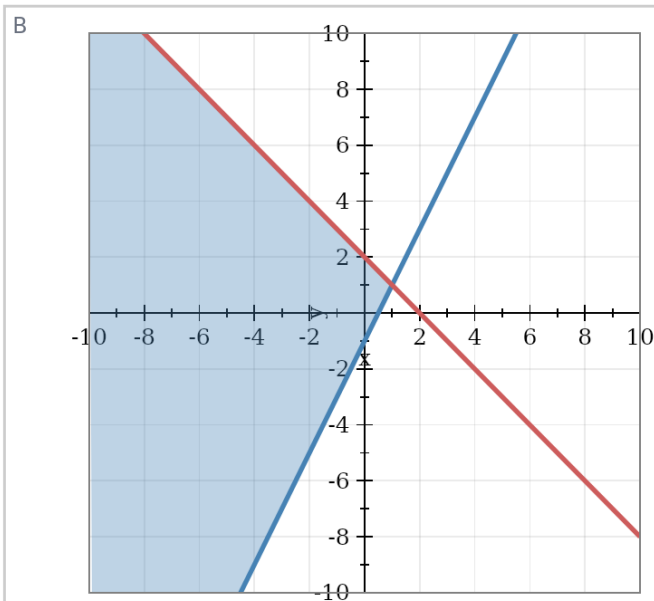
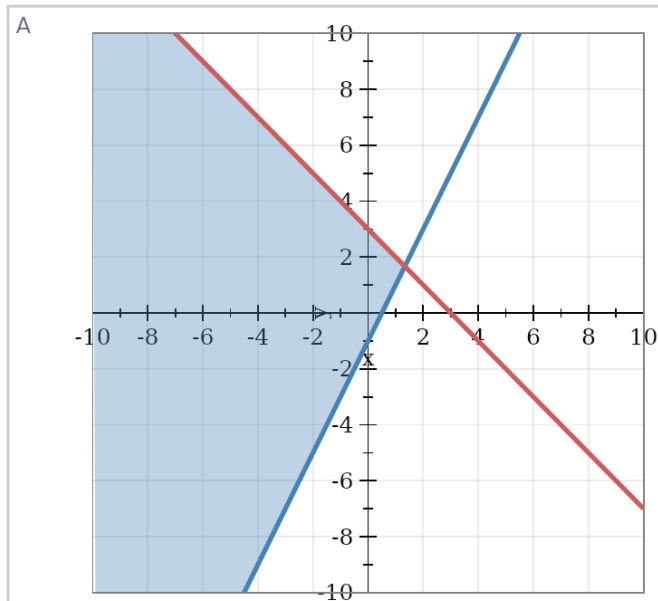


## Graph linear inequalities in two variables

7

Which graph shows this pair of linear inequalities?

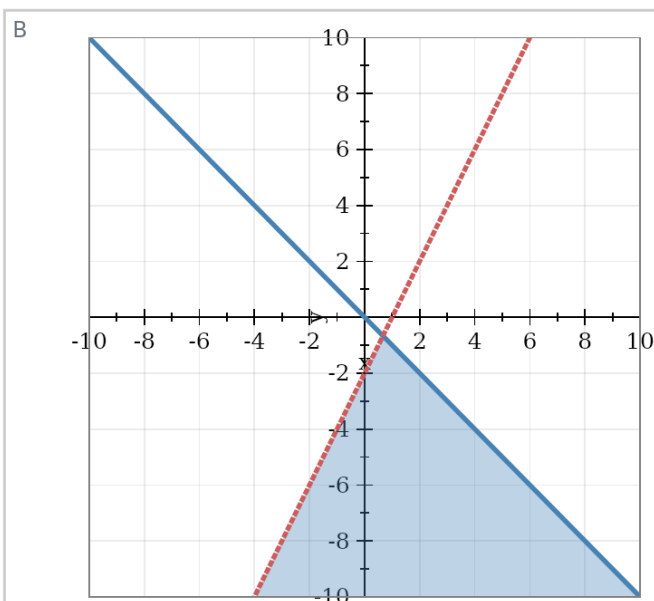
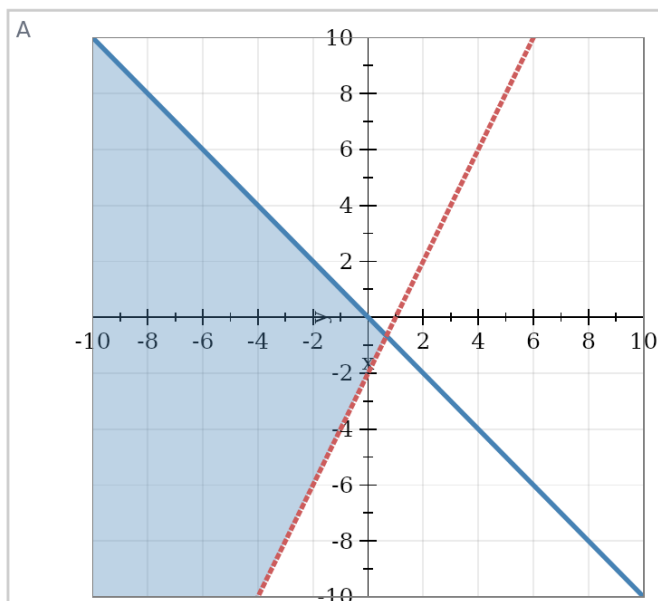
$$\begin{cases} y \geq 2x - 1 \\ y \leq -x + 3 \end{cases}$$



8

Which graph shows this pair of linear inequalities?

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



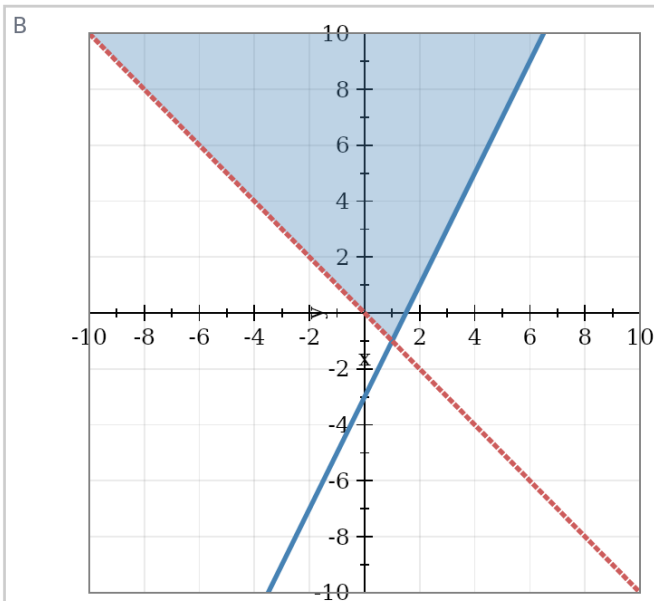
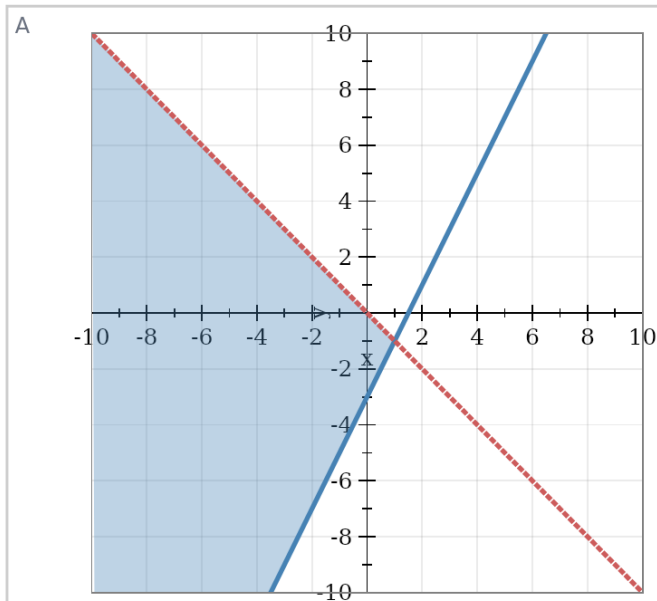


## Graph linear inequalities in two variables

**9**

Which graph shows this pair of linear inequalities?

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

**10**

Which graph shows this pair of linear inequalities?

$$\begin{cases} y > 2x + 5 \\ y \geq -2x + 5 \end{cases}$$

