

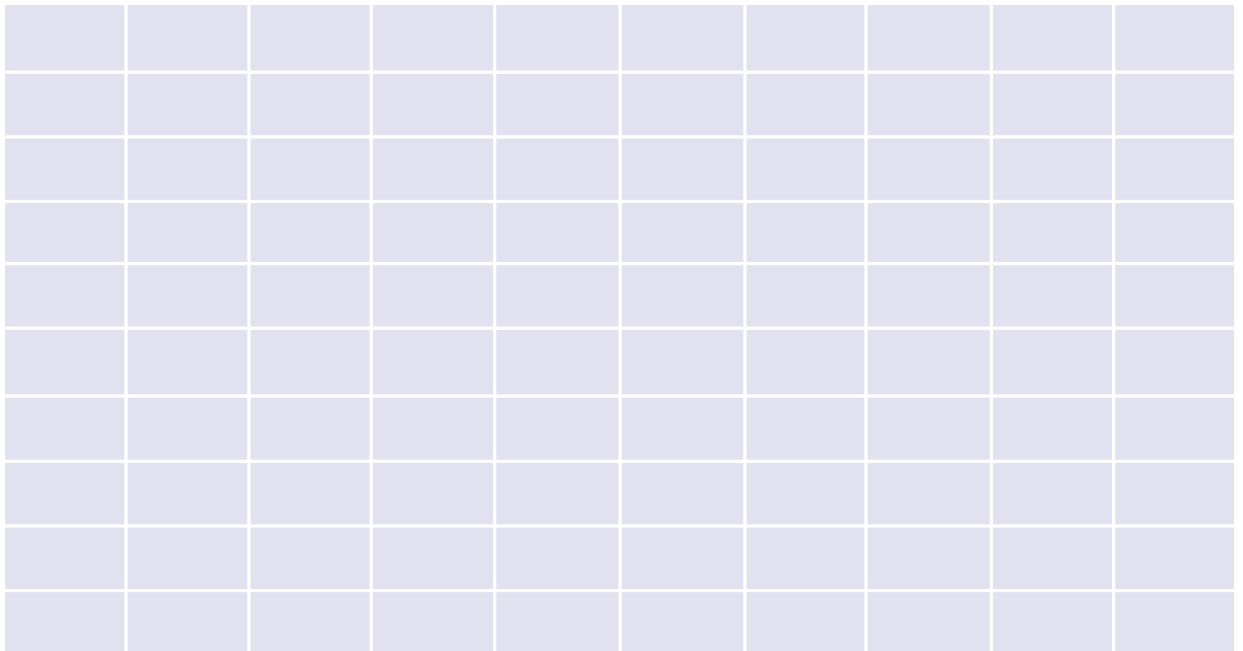
## VISUAL 3.1 ▲ Warm-Up

For this activity, you will work with the following two equations:

1.  $x - 3y = -7$
2.  $x + 4y = 14$

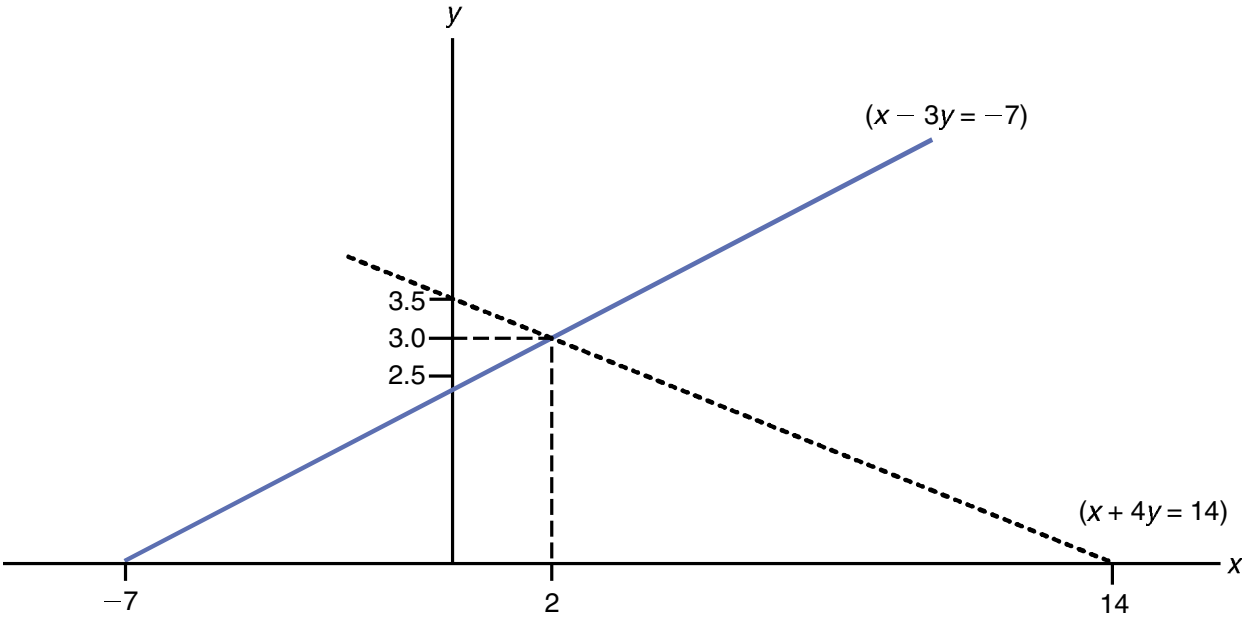
### ANSWER THE FOLLOWING QUESTIONS

1. Rewrite both equations in the slope-intercept form.
2. Carefully graph both of these equations on the same coordinate axes.



3. At what point do the lines intersect?
4. Use the method of substitution to solve these equations simultaneously. Is your solution the same as your answer to #3? Why or why not?
5. Use at least one other method to solve the two equations simultaneously. Compare your answer to your answers for #3 and #4.

# VISUAL 3.2



## VISUAL 3.3 ▲ Supply and Demand Curves

