

GRAPHING SYSTEMS OF EQUATIONS PRACTICE

Graph each system of equations. What kind of solution does the system have?

Options:

- The system has one solution, (,).
- The system has infinitely many solutions because _____.
- The system has no solution because _____.

Be sure to fill in the blanks as you solve each system.

#1. $y = 2x + 1$

$$y = -\frac{1}{3}x + 6$$

#2. $x + 3y = -6$

$$y = -\frac{1}{3}x + 6$$

#3. $y = -x + 3$

$$y = x - 1$$

#4. $x + y = 6$

$$x + y = -1$$

#5. $4x + 2y = 8$

$$y = -2x + 4$$

#6. $y = \frac{4}{5}x - 1$

$$y = 6$$

#7. $y = x + 3$

$$-2x + 2y = 6$$

#8. $x + y = 6$

$$x + y = -6$$