Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Solving Systems of Equations by Graphing*

Graph each set of equations in the coordinate planes below. Then, state the solution. Show work when necessary.

|  |  |
| --- | --- |
| 1. $y=4x+3$ and $-8x+2y=6$ | 2. $y=\frac{1}{3}x+3$ and $y=2x-2$ |
| 3. $y=3x-4$ and $y=-\frac{1}{2}x+3$ | 4. $y=\frac{1}{3}x-3$ and $y=\frac{2}{6}x-7$ |
| 5. $y=\frac{5}{2}x-4$ and $y=-x+3$ | 6. $y=3x+5$ and $x+y=1$ |
| 7. $y=\frac{1}{3}x-3$ and $y=-\frac{5}{3}x+3$ | 8. $-x+4y=-16$ and $y=-\frac{1}{2}x-1$ |