**Solving & Graphing Practice** 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Geometry Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solve each equation for y, then graph on the next page.**

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| 1. 6*x* + 8*y* = 24 | 2. 7*x* – 5*y* = –35 | 3. 0.2*y* – 0.3*x* = 0.6 |
| 4. 4*x* - 5*y* = 15 | 5. 6*y* + 3*x* = 18 | 6. $\frac{2}{5}x-2y=4$ |
| 7. $3y+2x+12=0$ | 8. Write the equation the line that has a slope of 2 and a y-intercept (0, -9). Then graph. | 9. Write the equation of the line that has a slope of -5 that goes through (-4, 7).  |
| 10. Write the equation of the line that goes through (0, -8) & (3, -2). Then graph.  | 11. Write the equation of the line that goes through (1, 4) & (2, 7). Then graph. | 12. Write the equation of the line that goes through $\left( \frac{9}{2}, 1\right) \& \left(-\frac{7}{2}, 7\right)$. Then graph. |