**Systems of Equations: Choosing the Best Method**

Pick the best method to solve each system: Graphing, Substitution, or Elimination.
Remember, there are only 3 possible solutions, one coordinate point (x,y), no solution, or infinitely many solutions.

Identify the best method to solve and the solution to the system.

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| $$y=2x-4$$$$y=x+2$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $$y=x-5$$$$y=4x+1$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| $$3x+4y=9$$$$y=x-3$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $$8x-14y=5$$$$x=3y$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| $$3x-2y=12$$$$-3x+8y=-6$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $$5x+15y=10$$$$5x+10y=40$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| $$y=5x+1$$$$y=x+3$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $$6x-8y=40$$$$5x+8y=48$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| $$-3x+3y=4$$$$y=x+3$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $$5x-2y=18$$$$y=-2x+9$$Best Method: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |