

Algebra I Group Activity
Solving Systems of Equations: Which method is best?

Names: _____

Analyze each system of equations and choose the best method for solving: graphing, substitution, or elimination (hint: each method should be selected only once). Explain the reasons for your choice. Finally, use that method to solve.

1. $5x - 10y = 15$
 $3x - 2y = 3$

Best method: _____

Reason: _____

Solution: _____

2. $y = x - 1$
 $y = \frac{1}{5}x + 3$

Best method: _____

Reason: _____

Solution: _____

3. $-x + 2y = 8$
 $x = -2y - 4$

Best method: _____

Reason: _____

Solution: _____