

Name _____ Formative Solving Non Linear Systems through Elimination and Substitution Period _____

1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$9x^2 + y^2 = 9$$

$$y = 3x - 3$$

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1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$x^2 + y^2 = 25$$

$$y = x^2 - 5$$

1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$x^2 + y^2 = 38$$

$$x^2 - y^2 = 12$$

1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$x^2 + 2y^2 = 7$$

$$x^2 - y^2 = -2$$

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1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$4x^2 + y^2 = 100$$

$$y = -2x + 10$$

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1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$x^2 + y^2 = 16$$

$$y = x^2 - 4$$

1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$x^2 + y^2 = 16$$

$$x^2 - y^2 = 2$$

1. ALGEBRAICALLY determine the solutions to the given non linear systems
2. CONFIRM answers using a graphing calculator

$$x^2 + 3y^2 = 7$$

$$x^2 - y^2 = 3$$