Success Criteria:

Algebra OPFI Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**U5 LT3 Part 2 Elimination Day 3**

*LT 3: Students will be able to find the solution to a system of equations algebraically.*

Practice

1.) 6x + 5y = 4 2.) -4x + 6y = -18

 -6x + 7y = 20 -10x – 6y = 60

Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.) x – y = 11 4.) -6x + 5y = 1

 2x + y = 19 6x + 4y = -10

Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. -4x – 18y = -50 6. 8x + y = -16

 -8x – 18y = -46 -3x + y = -5

Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. -6x + 6y = 6 8. 7x + 2y = 24

 -6x + 3y = -12 8x + 2y = 30

Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. 2x – 3y = 6 10. 4x – 5y = 10

 3x + 3y = 24 -4x + 3y =-14

Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Solution: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ . \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_**

 **1 2 3 4 5 6 7 8**

 **\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ U !**

 **9 10**

V: (-1,-8)

O: (-1,3) and (5,2)

N: (10,-1)

S: (-3,-5)

E: (5,6)

L: (-1,-1)

S: (6,-9)

M: (-1,2)

Y: (6,2)

**\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ . \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_**

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