**Solving Systems of Equations by Graphing Day 2 Practice**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_**

**Solve each system by graphing.**

**1. y =** $\frac{1}{2}$**x 2. y = 2x - 17**

 **y = x + 2 y = x – 10**

**3. 2x – 8y = 6 4. -3x + 4y = 24**

 **x – 4y = 3 4x – y = 7**

**5. y = 4x + 3 6. y = -1**

 **y = -x -2 5x + 2y = 8**

**7. x – y = 2 8. x = -3y**

 **x + 4y = -8 x + y = -6**

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**Solving Systems of Equations by Graphing Day 2 Practice Answers**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_**

**Solve each system by graphing.**

**1. y =** $\frac{1}{2}$**x (-4,-2) 2. y = 2x – 17 (7, -3)**

 **y = x + 2 y = x – 10**

**3. 2x – 8y = 6 infinitely many 4. -3x + 4y = 24 (4,9)**

 **x – 4y = 3 4x – y = 7**

**5. y = 4x + 3 6. y = -1**

 **y = -x -2 5x + 2y = 8**

**(-1,-1) (2, -1)**

**7. x – y = 2 8. x = -3y**

 **x + 4y = -8 x + y = -6**

**(0,-2) (-9, -3)**

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