Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ November 27, 2017

Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Math 8

**Systems of Equations – Classwork**



6) Is (2, -7) a solution to system 2x + 3y = -17

 3x + 2y = -8

7) Is (1, 2) a solution to the system 7x – 2y = 5

 7x – 3y = 4

8) Is (-1, -4) a solution to the system x + 3y = -13

 -x – y = 5

9) Is (-3, 4) a solution to the system 2x = y + 2

 x + y = 7

10) Is (-3, -8) a solution to the system y = 3x + 1

 5x – 2y = 1

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ November 27, 2017

Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Math 8



**3.** Is (3, 4) a solution to the system 2x = y + 2

 x + 2y = 7

**4.** Is (1, -4) a solution to the system x + 3y = -13

 x – y = 5

**5.** Is ( -4, -6) a solution to the system x = 2y

 6y – 3x = 12

**6.** Is (-3, -8) a solution to the system y = 3x + 1

 5x – 2y = 1