Group Collaboration on Systems of Linear Equations: 5/3/16 (class work- Exit ticket)

1.



**2.**

Which of the statements about the system of equation represented by these lines below is true?

A. There is no solution because the lines are parallel.

B. There is exactly one solution, and the solution is (3, 3).

C. There are infinitely many solutions because the lines have the same slope.

D. There is exactly one solution because the distance between the two lines is always 6 units.



**3.**

**The solution to a system of two linear equations is (1, 5). Which of the systems shown could represent the two linear equations?

Select all that apply.**

A. *y* = 1
*x* = 5

B. *y* = 5*x*
*x* = 1

C. *y* = *x* + 1
*y* = *x* + 5

D. *y* = *x* + 4
*y* = 2*x*+ 1

Show your work and EXPLAIN your answer in PENCIL and PRINT…