

Systems of Equations - Day 9
Assignment

Name _____

Date _____ Period _____

Solve each system of equations using any method.

1. $-2x + y = -2$
 $2x + y = 6$

2. $3x + 2y = 14$
 $3y = 2x - 18$

3. $y = 6x + 18$
 $y = 12x$

4. $y = x - 2$
 $x = 17 - 4y$

5. $3x - 3y = -15$
 $-x + 2y = 13$

6. $3x = y + 4$
 $x - y = 6$

7. $6x + 3y = 9$
 $y = -2x + 3$

8. $6x + 7y = 5$
 $18x - 21y = 15$

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Solve.

9. You and your cousin go to Wendy's for a "big" lunch. You buy 3 burgers and 2 orders of fries for \$6.50. Your cousin buys 2 burgers and 5 orders of fries for \$8.00. How much did each item cost?

Burgers _____

Fries _____

10. The perimeter of a rectangular garden is 96 m. The length of the garden is 8 more than the width. Find the length and width of the garden.

Width _____

Length _____

11. The radio station has 55 employees. There is 1 less than three times as many men as women working at the station. How many individual men and women work at the station?

Men _____

Women _____