Name_____ Date_____

5.3 Review – Solving Linear Systems by Elimination

.
Solve the systems of equations by elimination. Check you solution afterwards.

1) $-2x + 3y = 17$
    $2x + y = 3$

2) $7x + y = -2$
    $7x + 3y = 8$

3) $7x + 6y = 2$
    $2x - 3y = 10$

4) $9x - 2y = 15$
    $4x + 3y = -5$

5) The price of 2 tacos and 6 burritos is $15. The price of 3 tacos and 4 burritos is $12.50. How much does a taco and a burrito each cost?

6) Graham goes to In-n-out to buy a combination of 12 burgers and fries. Burgers cost $3 each, and fries cost $2 each. The whole thing must cost $32. Write and solve a system of linear equations to find the number of burgers and fries that Graham will buy.