October 17, 2013

Period:_____ Name:_____

51. Error Analysis Describe and correct the error in finding the solution of the equation at the right.

$$2x - 4 = 8$$
$$2x = 4$$
$$x = 2$$

52. Writing Without solving the equation $-3x + 5 = 44$, tell whether the value of x is positive or negative. How do you know?

53. a. Solve the equation $2x - 1 = 7$ by undoing subtraction first.

b. Solve the equation in part (a) by undoing multiplication first. Do you get the same answer you got in part (a)?

c. Reasoning Which method from parts (a) and (b) do you prefer? Explain.