

## Homework 1: due Thursday 2/15

**Problem A.** Solve the system of linear equations

$$-x + y - 2z = -5$$

$$2x - y + 3z = 8$$

$$3x - y + 5z = 5$$

**Problem B.** Solve the system of linear equations

$$-x + y - 2z = -5$$

$$-x + y - 2z = 3$$

Explain why you got the answer you did.