## Algebra II

SS 4
Solving Systems of
Linear Equations
in Three Variables

Equations in two variables define a line (1-dimension)

How many solutions are possible in the crossing of 2 lines?

List them: 1)

2)

nopoints - paralle

3)

infinite solutions - file offine

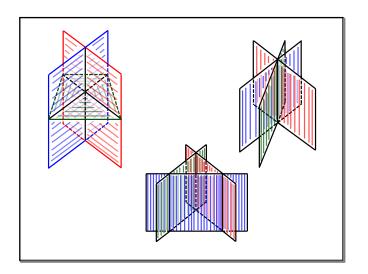
Equations in three variables define a plane (2-dimensions)

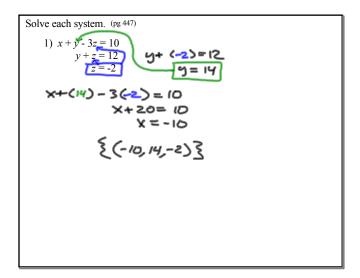
How many solutions are possible in the crossing of 3 planes?

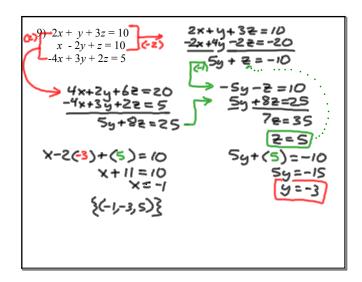
Dinfinite solutions

2) one point

3) none







pg 447 1-12 all