**6F Part 2 Intersecting Planes**

Non-Singular = one solution

$$x+y+z=2$$

$$2x+3y-z=13$$

$$x-2y+3z=-11$$



Singular: sheaf

$$3x-y-6z=1$$

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

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



Singular: prism

$$3x+6y-6z=-6$$

$$-6x+3y+3z=2$$

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



Singular: parallel planes

$$x+y+z=8$$

$$2x+2y+2z=14$$

$$3x-y-z=10$$

