



# Linear Equations (Geometrically)

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***Not a Line.***

# Linear Equations (Geometrically)

If a 2D linear equation is a *line* then a 3D linear equation is...

*Not a line...*

# Example 1

$$0x + 0y + z = 15$$

This equation describes the solution set

$$\{(x, y, z) : z = 15\}$$

so  $x$  and  $y$  can be whatever we want