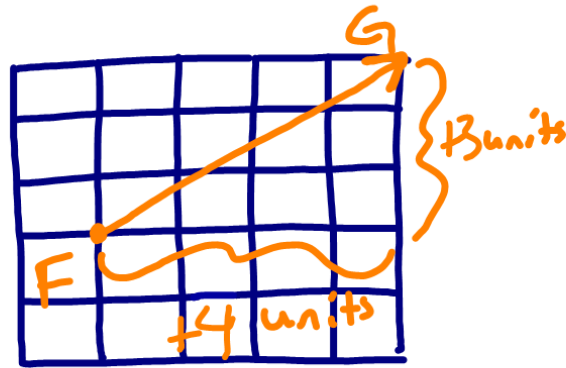


9.1b Vectors



* Have a direction & Magnitude (size)

- * F is the initial pt, Start point
- * G is the terminal pt, End point.

$$\text{old: } (x, y) \rightarrow (x+4, y+3)$$

$$\text{New: } \langle 4, 3 \rangle$$

right 4 up 3

$$\text{So } \vec{FG} = \langle 4, 3 \rangle$$

↑
vector FG

What if \vec{GF} ?

$$\vec{GF} = \langle -4, -3 \rangle \quad * \text{left 4, down 3}$$