Positive Pal Vector norm: a number that Says how big is a vector output in put Now Evelidean norm What is a+b?=c How long is c?  $a^2 + b^2 = c^2 \quad \sqrt{a^2 + b^2} = ||c||_2$ Euclidean Morm

$$c^{2} + d^{2} = e^{2}$$

$$a^{2} + b^{2} + d^{2} = e^{2}$$

$$\sqrt{a^{2} + b^{2} + d^{2}} = \sqrt{e^{2}} = e$$

$$||X||_2 = \sqrt{2} \times x^2$$
 $||X||_1 = ||X||_1 =$ 

## Another attempt to draw post

$$\frac{2}{3,2,5}$$

$$\frac{3}{3^2-3}$$

$$\frac{3^2-3}{2^2+3^2-13}$$

$$\frac{10}{2^2+3^2-13}$$

$$\frac{20}{3}$$

$$\frac{3}{2}$$

$$\frac{$$