Let's do problems!

March 6

(1) Give I example of when you would use a vector imang and I example of when you would use a raster.

2) assure I have 2 values a= 9 6=11 give an formulation to linearly interprlate between a and 6 and give values at 41/2 to promise resting (at paramiterization) 9(1-t)+11t

$$4(1-t)+11t$$

$$t=\frac{4}{9(34)}+\frac{4}{4}=9.5$$

$$t=\frac{4}{2}$$

$$4(\frac{4}{2})+\frac{4}{2}=10$$

ricall the function gl Vetex Attrib Pointer (, ...) input into vertex shader to be # versoion 330 core a Vosmali vec 2 layout (location=0) in a los i layout (location=1) in vec 2 a Glor; layout (location =1) in vec3 (1) Sketch a picture of the memory layout color nx ny px px cr (2 Cg) (2) give inputs for glverks Attiblisher for this interface

Assume that I have

a value for the top and
bottom of a viewport

b \leq y \leq t

I reed a trans

x \in [b, t] -> y \in [-1, 1]

derive the transformation?