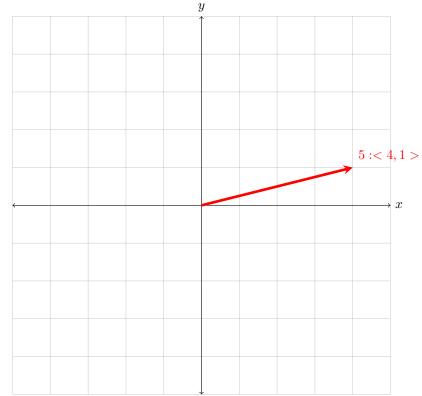
Calculus III Homework 3 Question 2

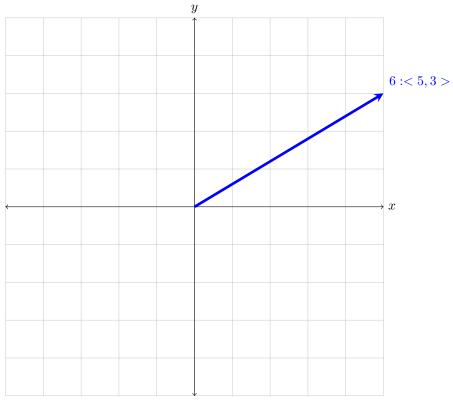
November 24, 2021

Find a vector a with representation given by the directed line segment AB. Draw AB

5: A(-1,1), B(3,2): AB = <3-(-1), 2-1> = <4, 1>



$$6: A(-4,-1), B(1,2): AB = <1-(-4), 2-(-1))> = <5, 3>$$



7 : A(0,3,1), B(2,3,-1) : AB = <2-0,3-3,(-1)-1> = <2,0,-2> 8 : <math>A(4,0,-2), B(4,2,1) : AB = <4-4,2-0,1-(-2)> = <0,2,3>