Problems: 1 Calculate V X W a)  $V = (1,2,1), \omega = (3,1,1)$ b) v = (2,0,0) w= (-1,0,1) 2 (i+j) x K 3 Let v = (a, b, c) Calculate v x 2 Do you have a guess for vxj & vxk? (4) If v, w are orthogonal, what is livx will in terns of 11011, 11 mil ? What of instead the angle 5/4 V & 15 11/4? (3) Let u= <1,0,0>, v= <0,2,0>, w= <1,1,2> What is the area of the parallelyour sparred by ulv? What is the volume of the porallelegifed sporced by u, v, & w? (6) The cross product is NOT association. lot u = < 1,0,0), v = <0,1,0), w = <1,1,1)
Show (uxv)xw = ux(vxv)

