1. Which of the following vector is parallel to the line of parametric equation x=(3-5t,-6-t).
   (a) (3,-6) (b) (-3,6) (c) (-5,-1) (d) (1,-5)
2. If u, v $\in R^3$ and $u \times v = (3,-2,1)$, what is $v \times u$?
   (a) (3,-2,1) (b) (-3,2,-1) (c) (1,-2,3) (d) (-1,2,-3)
3. Compute the volume of the parallelepiped with sides u=(2,-6,2), v=(0,4,-2), w=(2,2,-4).
   (a) 13 (b) 14 (c) 15 (d) 16
4. Suppose $u \cdot (v \times w)=5$, find $(v \times w) \cdot u$=?
   (a) 1/5 (b) 5 (c) -1/5 (d)-5
5. Use the cross product to find a vector that is orthogonal to u=(-6,4,2), v=(3,1,5).
   (a) (18,36,-18) (b) (9,18,-9) (c) (6,12,-6) (d) (1,2,-1)