Dawson College: Linear Algebra (SCIENCE): 201-NYC-05-S6: Fall 2024: Quiz 5	name:
Books, watches, notes or cell phones are not allowed. The only calculators allowed are the Sharp EL-531**. You must show all your work, the correct answer is worth 1 mark the remaining	marks are given for the work.
Question 1. (5 marks) Let u and v be unit vectors, such that the angle between them is $\frac{2\pi}{3}$. Fire	ad $ 5\mathbf{u} - 2\mathbf{v} $.
Question 2. (5 marks) Given a parallelogram with vertices A , B , C and D where $A(2, -2, 4)$ and to $\vec{u} = (1, 2, 3)$ and $\vec{v} = (-3, 2, 5)$. Find a set of vertices B , C and D .	d where the sides of the parallelogram are parallel

