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

