Question 1. Find the area of the parallelogram whose vertices are \( A(-6, 0), B(1, -4), C(3, 1) \) and \( D(-4, 5) \).

Question 2. If the angle between \( \vec{u} \) and \( \vec{v} \) is \( \pi/6 \) and \( |\vec{u}| = 2, |\vec{v}| = 1/\sqrt{3} \), then find \( |\vec{u} + \vec{v}| \).