QUIZ 0

1. My name is Ilkhomjon Kobilov, I’m from Uzbekistan. I have been studying here at JBNU since 2019 Fall. I am interested in Science subjects, especially math, computer programming and of course physics. Well, to be honest, physics is not actually what I want to master, but it’s really interesting and it would be good if I take my physics to the next level through your courses. I will do my best to get good grades.
2. In high school,, I don’t know how to name them, because it was just called “Fundamentals of Mathematics and Algebra Analysis” in Uzbekistan. So the concepts included nearly everything about intermediate trigonometry, calculus and approximation.
3. I think S=at^2/2 is a formula to find how long a car goes with a constant acceleration.
4. 50 MPG - > km/l

1 mile = 1.609km 1 gallon = 3.785l

MPG = mile / gallon

50 \* 1.609/3.785 km/l = 21.25 km/l

1. If the total length is 30km of circular facility, then radius would be 15km. S=PI \* R^2

So, the area would be S= PI \* 225 = 706.5 km -> 706.5 \* 10^3 m