

**Second set of question of the day,**

**You are encouraged to use the internet to answer the following question, please put your head phones on.**

- 1. What is a vector and a scalar in physics?**
- 2. What are some examples of vectors and scalars?**
- 3. In the question in part one “ A car has a speed of 20 m/s, and needs to travel 4 kilometers north, how long does it take” which value is a vector and which one is a scalar?**

**4. What is the difference between position, displacement, and distance? Which one(s) are vectors? Which one(s) are scalars**

**2. What is the difference between speed, and Velocity? Which one(s) are vectors? Which one(s) are scalars ?**

**3. The space elevator is suppose to climb to a height of 250 kilometers, if the elevator has a climbing speed of 30 m/s how long would it take to get to the top?**



**Remove your headphones and share with your table partner  
your answers / solutions to questions in part 2**