HW2

1.a.Discrete algorithm . Because it is really easy for us to convert the graph based on data distribution.
b.f(a)=L+1000t
2. When number of points sampled goes to infinity, the data will be more accuracy. The ratio will be the total number of points in the tree.
3.$O(\log_K(n))$
4. Sound sensor's speed is so slow. Laser scanner is using light. The light moves much faster.
5.   a 2*(15/300)=0.1s
      b The speed of light is too fast.
6.   a.   Accuracy is 30m radius
           Precision is the circle which has 3m as diameter
      b.   18000 readings/hour = 5 readings/sec, which is 5hz.