Example:

* An area of (14×15) km having (1050) comm. channels, determine the following :

1- The number of users before cellular concept application.

2- Using cells each of 2 km^2, then determine the number of frequency reuse if we use cluster size $= 3$ cells and then the number of users.

3- repeat (2) if the cluster size $= 7$ cells.

4- comment on the results in ①, ② & ③.