**KMM1041 Introduction to Chemical Engineering Group 3**

**HOMEWORK -1**

**Perform the following unit conversions.**

|  |  |
| --- | --- |
| -45 °F | ............... K  |
| 200 kPa | ............... mmHg |
| 20 W/m2 | ............... BTU/ft2.h |
| 20 lbm/inch3 | ............... kg/m3 |
| 35 km/h | ............... cm/s |
| 15 ft2/h | ............... m2/s |
| 500 kW | ............... kCal/h |
| 15 inch2 | ............... m2 |
| 245 kCal/h | ............... kW |
| 220.78 ft/s | ............... km/dak. |

\*show the detailed solution,

**Please use the link given below to achive the report cover page format to be used for your homeworks**

[**http://www.kmm.yildiz.edu.tr/page/STUDENTS/Forms/95**](http://www.kmm.yildiz.edu.tr/page/STUDENTS/Forms/95)