



Sample Activity of Integration 1

During a hot day in a large city of Kampala, the pollution index increases approximately from 8:00 a.m. to 4:00 p.m. On an average hot day, at 10 a.m., the pollution index is around 43.0 parts per million (p.p.m.) and at 1 p.m., the reading is 80.5 p.p.m.

Resource: Knowledge of linear equations and their graphs.



Task

People in Kampala are told not to jog outdoors if the pollution index is above 100 p.p.m.. Using the pollution index, over an appropriate time span, of Kampala city, write a report advising the people of Kampala who jog on how best to manage their jogging schedule.

Support:

