

Answer on Question #64256-Physics-Other

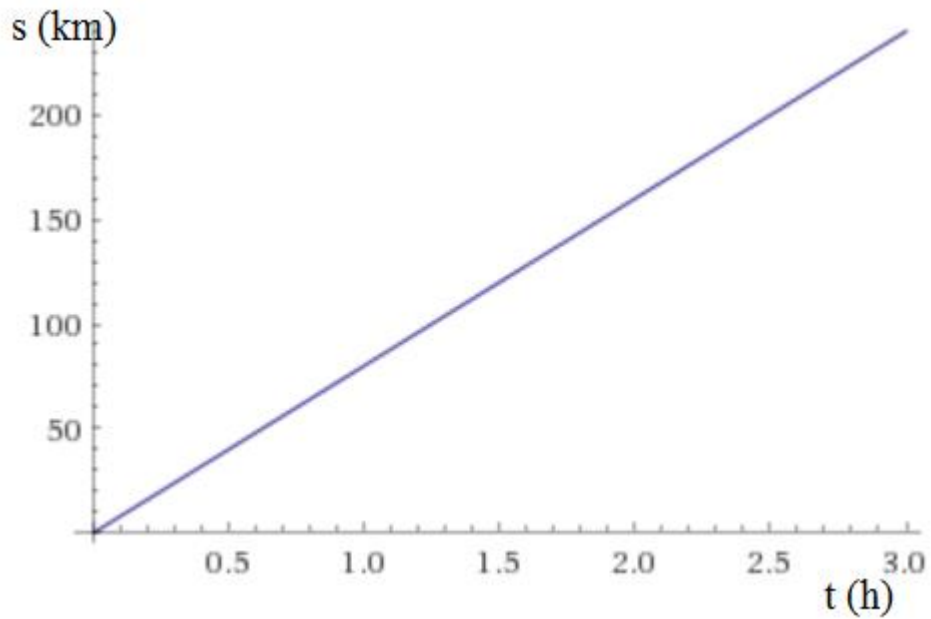
Sketch a distance time graph for a car on cruise control driving on a straight stretch of highway at 80km/h.

Solution

The distance for a car on cruise control driving on a straight stretch of highway at 80km/h is

$$s = vt = 80t.$$

This is a line with slope of 80 and $s = 0$.



Answer provided by <https://www.AssignmentExpert.com>