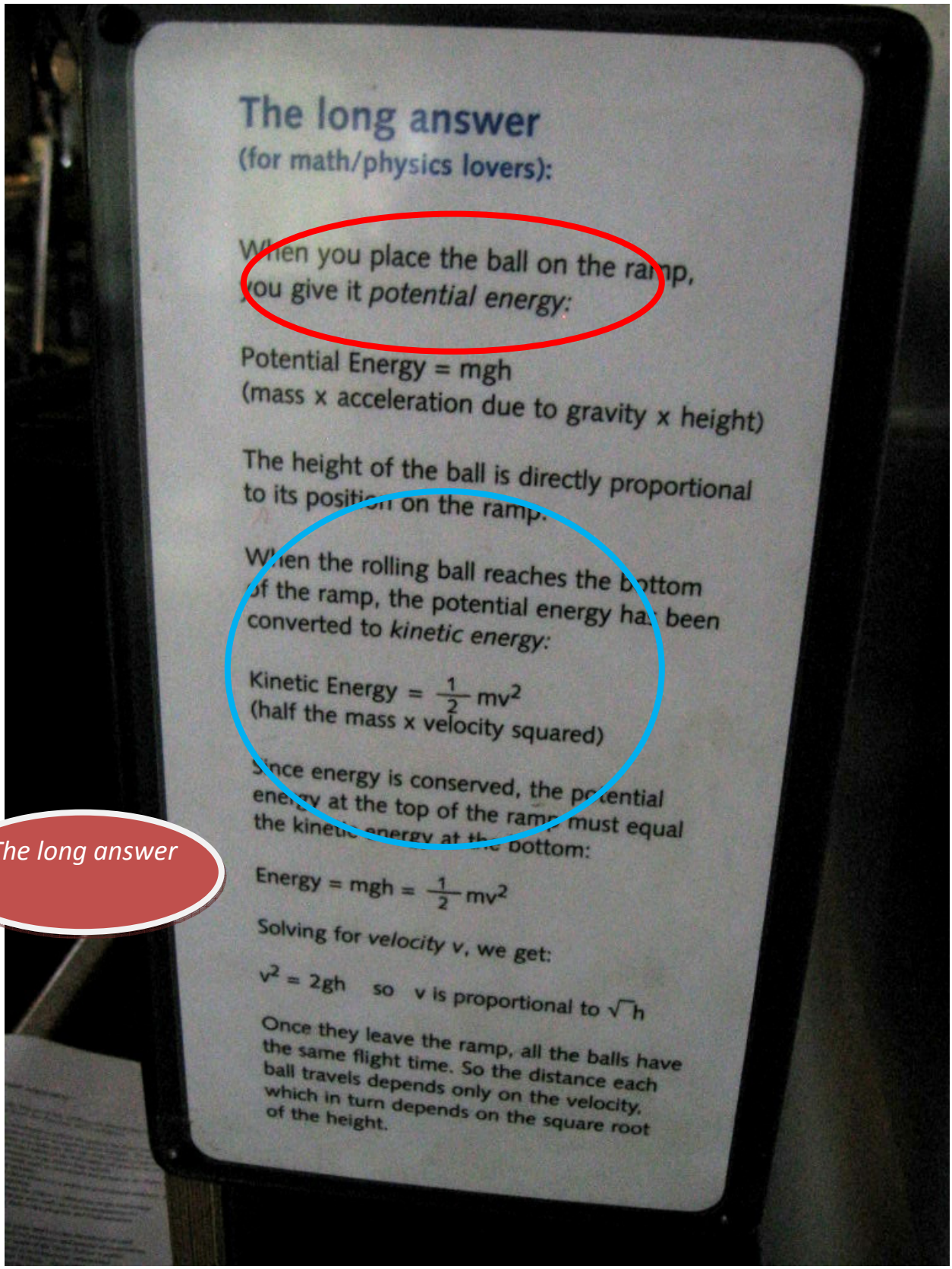
The Gravity Powered Calculator, Exploratorium, San Francisco



The long answer

This method of calculation can be explained by anonymous and quick algebra