

How the time of fall
changes with increasing
height.

time, t [s]

2

1

0

1

2

3

4

5

6

7

8

time, t [s]	0	0.5	1.0	1.5	2.0	2.5
distance, d [m]	0	1.10	2.21	3.32	4.36	5.48

distance, $d^{1/2}$ [m^{1/2}]