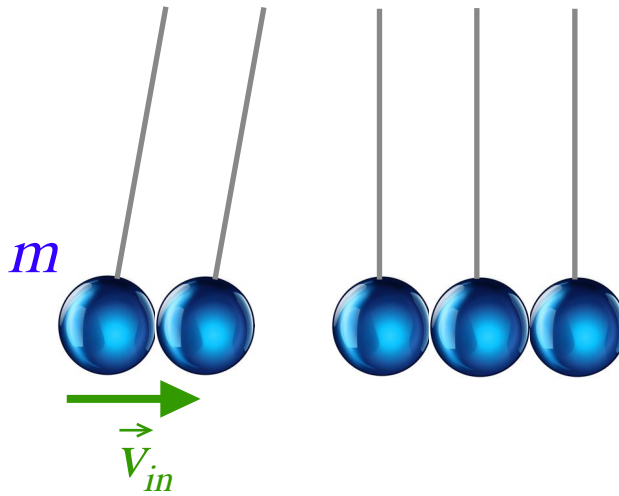
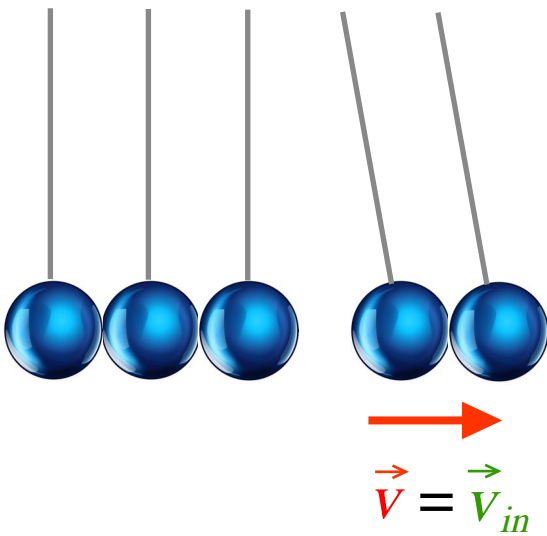


Energy and momentum conservation

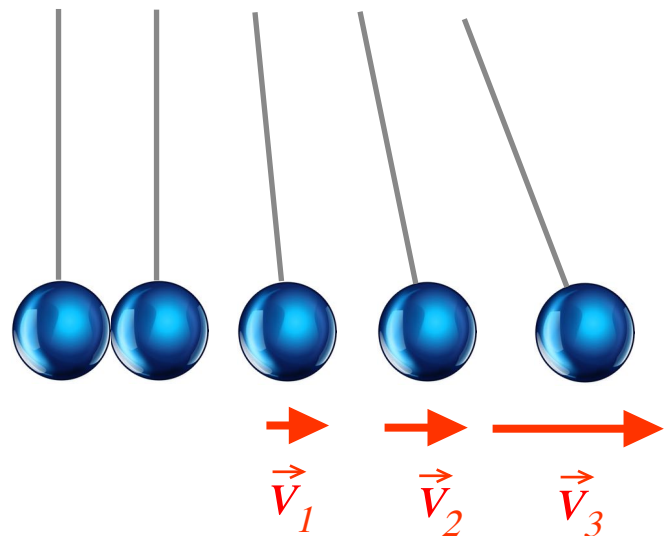
Newtons cradle with more than two identical masses



Standard textbook solution



Some non-standard solutions



V_{in} (m/s)	V_1	V_2	V_3
3	1	1	4
7	1	4	9
13	1	9	16
19	4	9	25
21	1	16	25