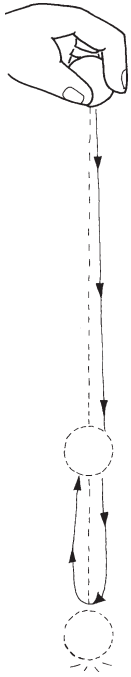
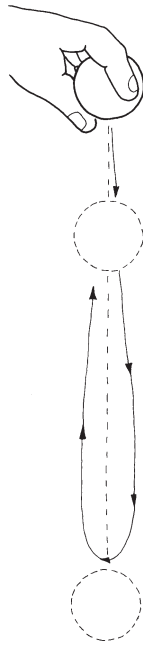


## BACK BOUNCING BALL

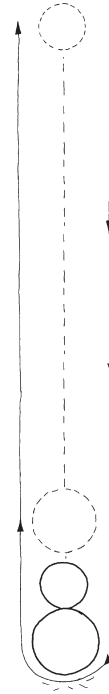
This experiment requires two balls - one big the other small. The results are quite baffling.



1. Take a small ball and drop it on the floor from a certain height. The ball will rebound to a certain height.



2. Now take a slightly bigger ball and drop it from the same height. The bigger ball will rebound a little higher.



3. Now keep the small ball on top of the bigger ball and drop them together from the same height. The bigger ball will hit the ground first and then hit the small ball. This impact on the small ball will make it rebound to a much greater height!