

21 October 2011
PM 02:42

ABSTRACT:

TEAM:Zeal

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COLLEGE:MADAN MOHAN MALVIYA ENGINEERING COLLEGE,GORAKHPUR

AIM;To Design the Anti-Corruption Slogan Cup Delivering Machine

TITLE OF THE STORY:

Protest against corruption.

BRIEF DESCRIPTION OF THE STORY:

The story is about a man who brought about one of the greatest anti-corruption protest in the country. The story goes like this, there was this simple man having distinctly high principles and values. This man was so agitated by the intense vibrations of corruption scams in the society, that his conscience leads him to the path of rebel against this corruption plague spreading in the society.

The first pair of parallel steps represent the induction of this protest into another person with similar ethics as his own and this is signified by the hitting of one ball to the other on the see-saw. Further, this man moves on another path to further spread this protest. Now both of them move individually on their own paths to curb the evil of corruption; meanwhile they are met with some obstacles in their path; undeterred by these obstacles they cross all obstacles and move further to meet another group of people who become a vital part of this protest later.

The next parallel step signifies the movement of this group (represented by a single ball in later steps) from higher to levels i.e. to the interior parts of the country so as to hit the tree of corruption in its roots. Here on of the parallel step signifies the conversion of the obstacles represented by blocks into a helping hand in the protest and the other parallel step represents the further propagation of the protest by the group.

At the end, one of the parallel steps terminates in falling of the great wall of corruption revealing the ANTI-CORRUPTION CUP, and this signifies the successful end of the journey protest of a common man against corruption. The other parallel step terminates in display of anti-corruption slogan which represents the widespread rage of anti-corruption protest in the country.

Space Requirement(in meters):

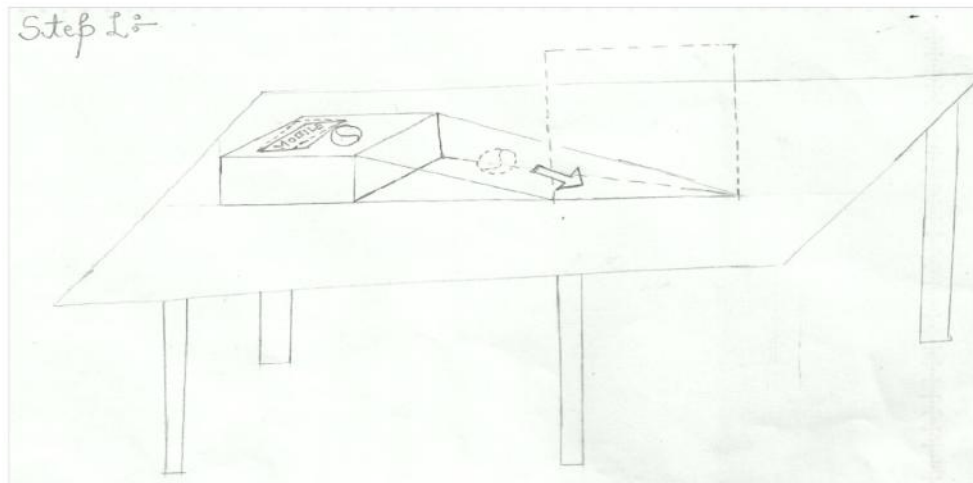
Step 1: 0.30*0.05*0.35

Step 2: 0.20*0.10*0.15

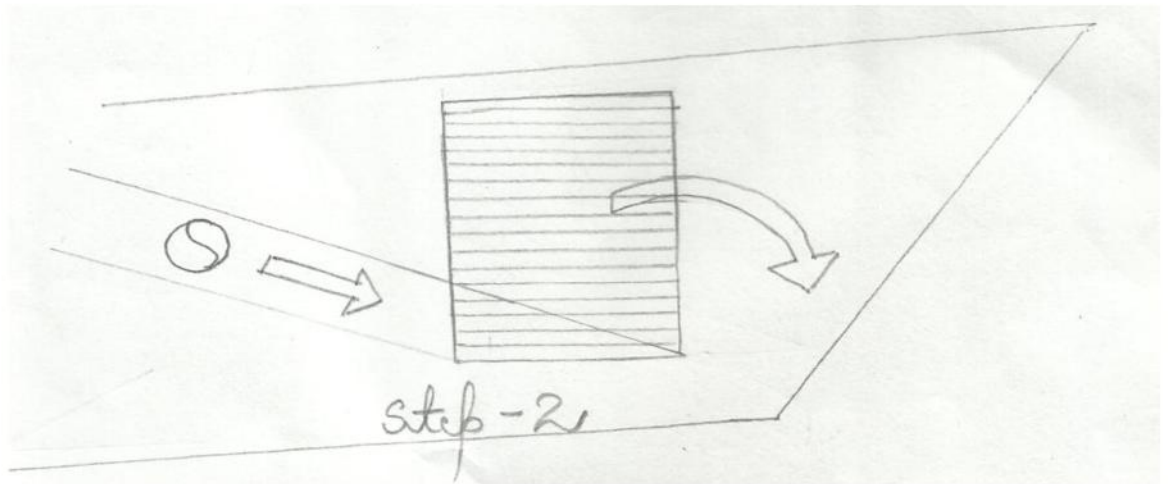
Step 3: 0.15*0.05*0.30

Step 4: $0.10*0.05*0.25$
Step 5: $0.15*0.05*0.30$
Step 6: $0.05*0.05*0.30$
Step 7: $0.25*0.05*0.08$
Step 8: $0.25*0.25*0.30$
Step 9: $0.15*0.05*0.30$
Step 10: $0.20*0.10*0.30$
Step 11: $0.20*0.10*0.40$
Step 12: $1.00*0.10*1.15$
Step 13: $0.15*0.08*1.30$
Step 14: $1.00*0.20*1.15$
Step 15: $0.80*0.25*0.60$
Step 16: $0.08*0.05*0.25$
Step 17: $0.15*0.10*0.15$
Step 18: $0.15*0.05*0.10$
Step 19: $0.18*0.07*1.15$
Step 20: $0.07*0.07*1.15$
Step 21: $0.08*0.05*1.15$
Step 22: $0.20*0.05*1.15$
Step 23: $0.08*0.05*1.15$
Step 24: $0.20*0.05*1.15$
Step 25: $0.15*0.10*0.10$
Step 26: $0.15*0.10*0.15$
Step 27: $0.50*0.05*1.00$
Step 28: $1.00*0.10*0.30$
Step 29: $0.35*0.10*1.50$
Step 30: $0.05*0.05*1.50$
Step 31: $0.15*0.15*1.15$
Step 32: $0.30*0.10*0.15$
Step 33: $0.30*0.30*0.01$
Step 34: $1.00*0.20*1.15$
Step 35: $0.80*0.25*0.60$
Step 36: $0.08*0.05*0.25$
Step 37: $0.15*0.10*0.15$
Step 38: $0.15*0.05*0.10$
Step 39: $0.18*0.07*1.15$
Step 40: $0.07*0.07*1.15$
Step 41: $0.08*0.05*1.15$
Step 42: $0.20*0.05*1.15$
Step 43: $0.08*0.05*1.15$
Step 44: $0.20*0.05*1.15$
Step 45: $0.15*0.10*0.10$

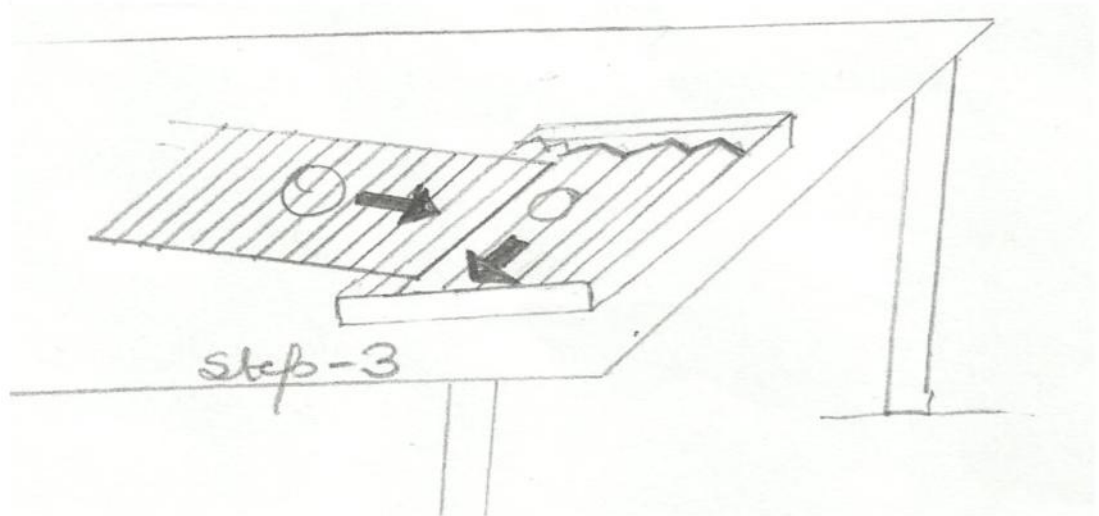
STEP 1: Mobile vibrations causes the marble to roll down the incline.



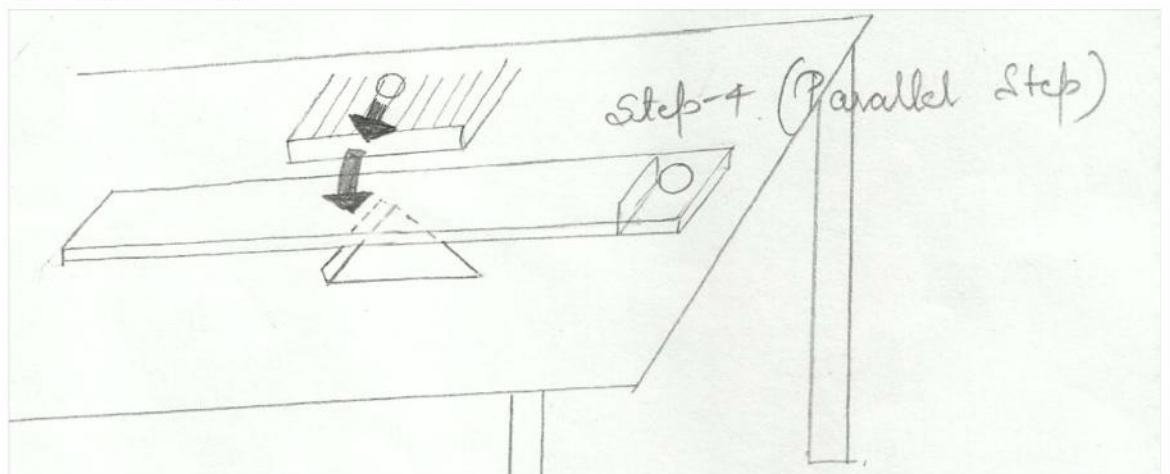
STEP 2: Marble strikes the cardboard and it opens out and forms the bridge between the inclined plane and pencil colour kit.



STEP 3: The ball rolls down the pencil colors.



STEP 4: Marble rolls down on the see saw and strikes the other marble to start the parallel step. the other marble falls out.

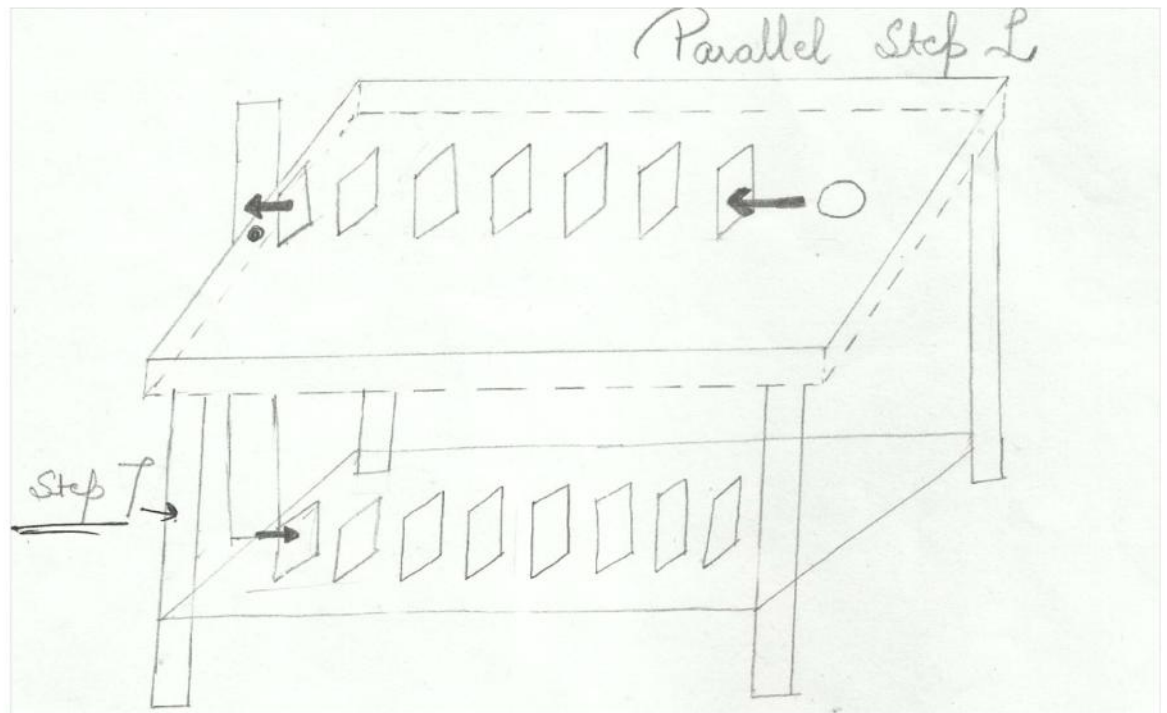


PARALLEL STEP ONE

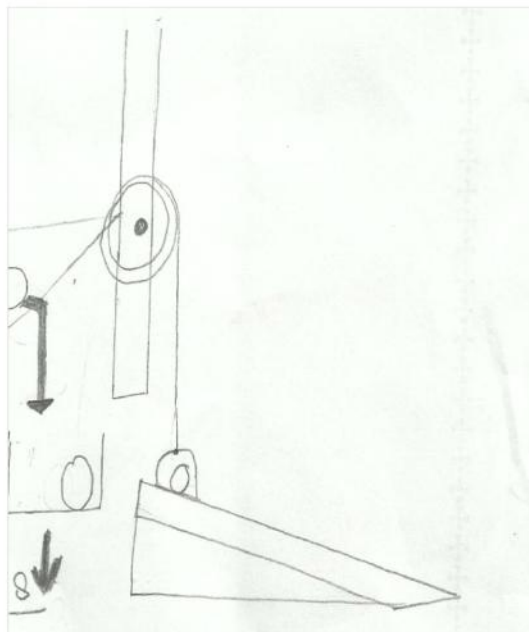
STEP 5: As the other marble falls, the see saw inclines back as due to imbalance of weight and the first marble rolls down the see saw.



STEP 6 AND 7: Marble pushes the series of dominoes. Dominoes strike the scale which changes the direction of falling of dominoes.

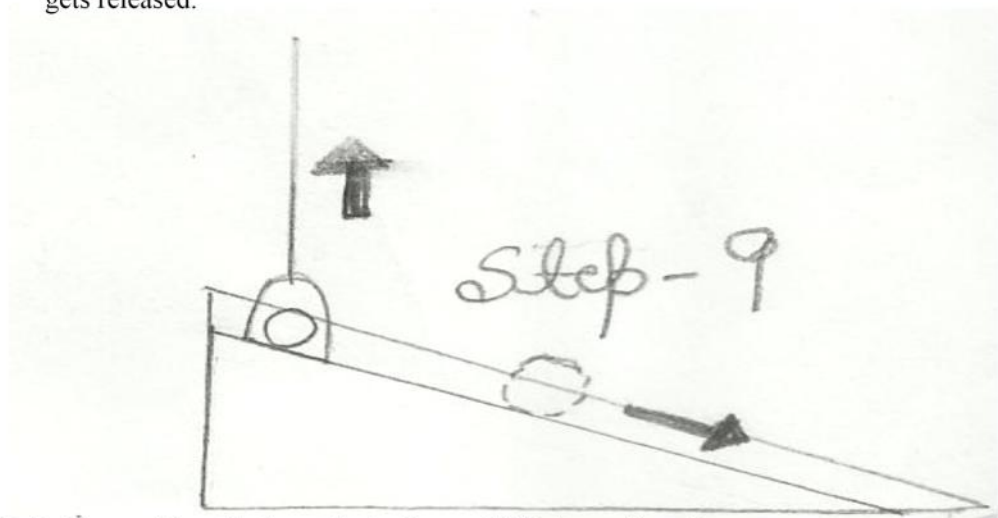


STEP 8: Domino falls in the basket attached to pulley.

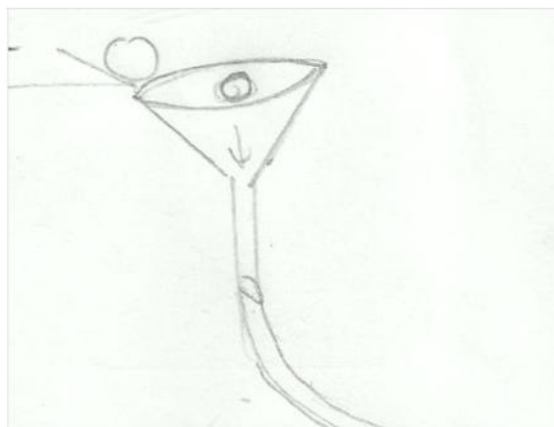


STEP 9: Due to falling of domino and imbalancing the cover on the marble rises and the marble gets released.

STEP 9; Due to falling of dominoe and imbalancing the cover on the marble rises and the marble gets released.

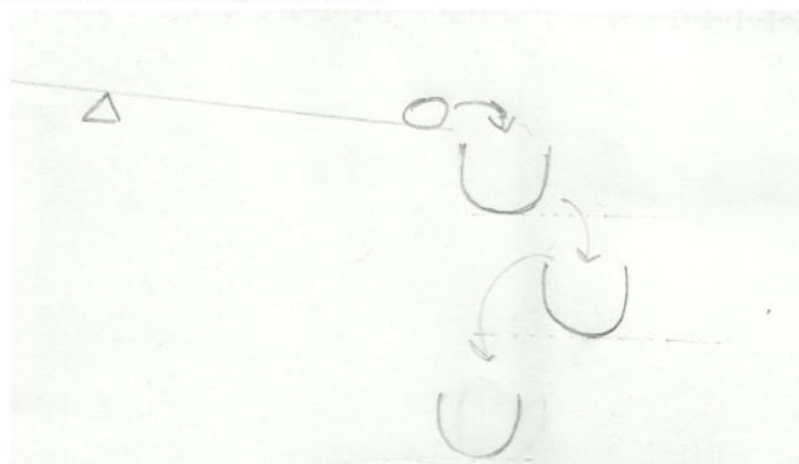


STEP 10: The marble rolls down the incline and falls into a funnel.

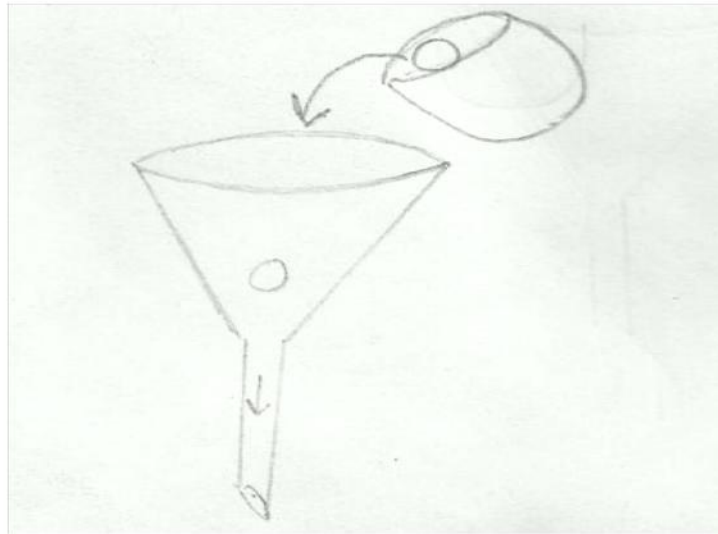


PARALLEL STEP TWO

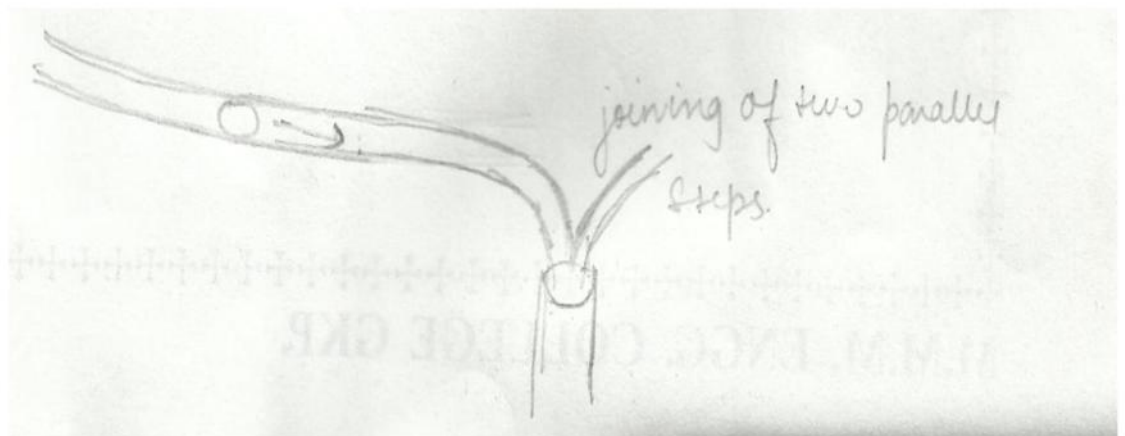
STEP 11: Marble falls in a series of buckets.



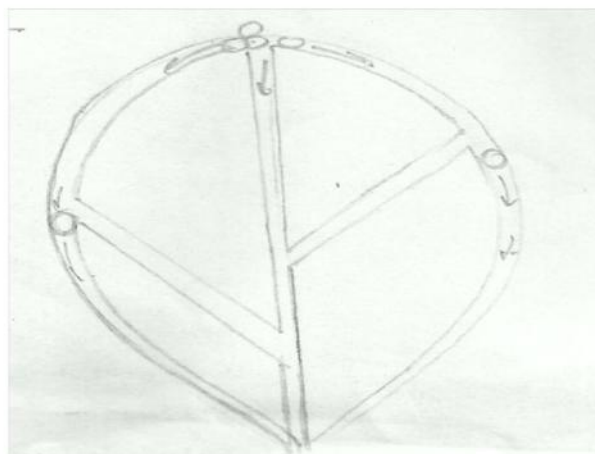
STEP 12; From the bucket marble falls into a funnel.



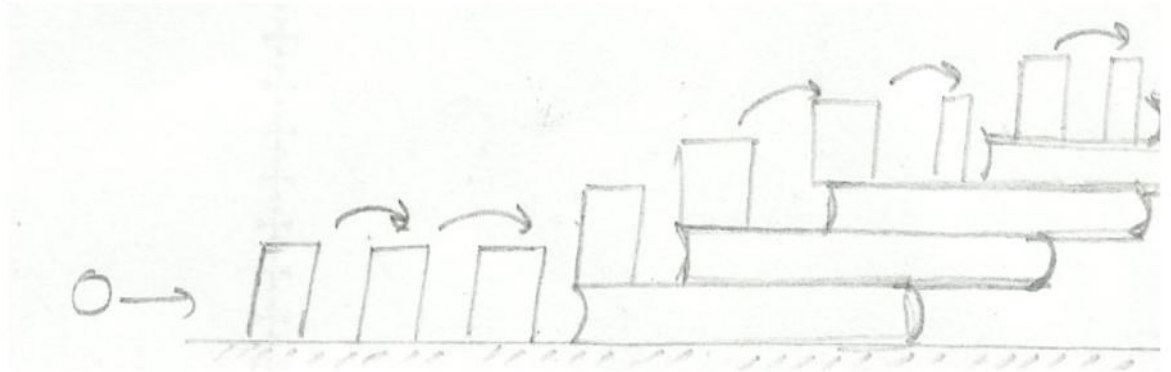
STEP 13; The two parallel steps join into one single pipe.



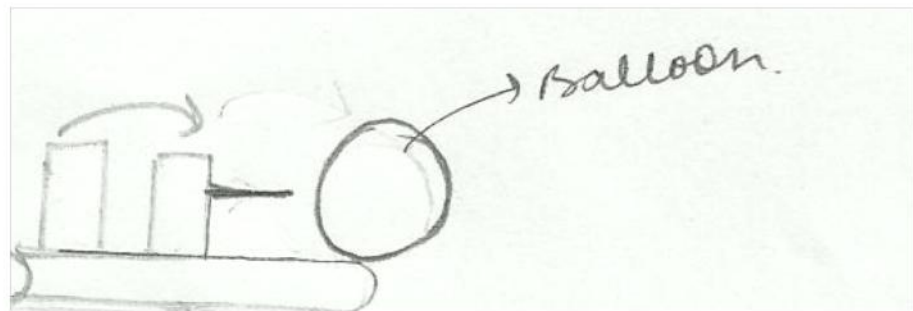
STEP 14; The marbles enter a specific arrangement and starts off many other marbles in the arrangement.



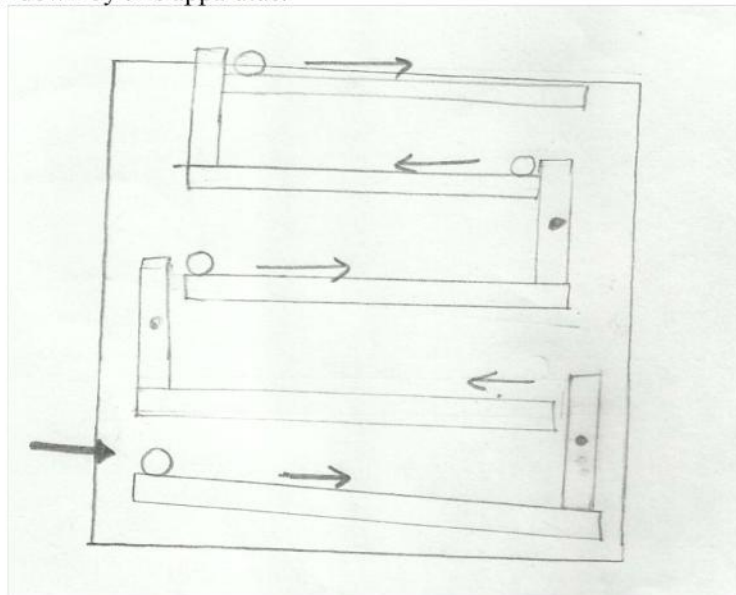
STEP 15: The marble starts off a series of dominoes.



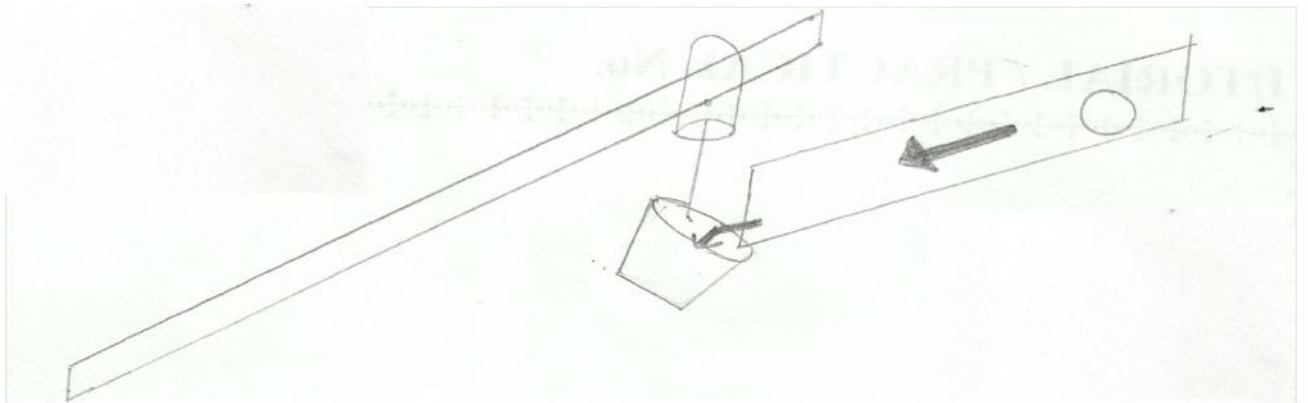
STEP 16: The pin attached to the last dominoe blasts off a balloon that was stopping the path of a marble.



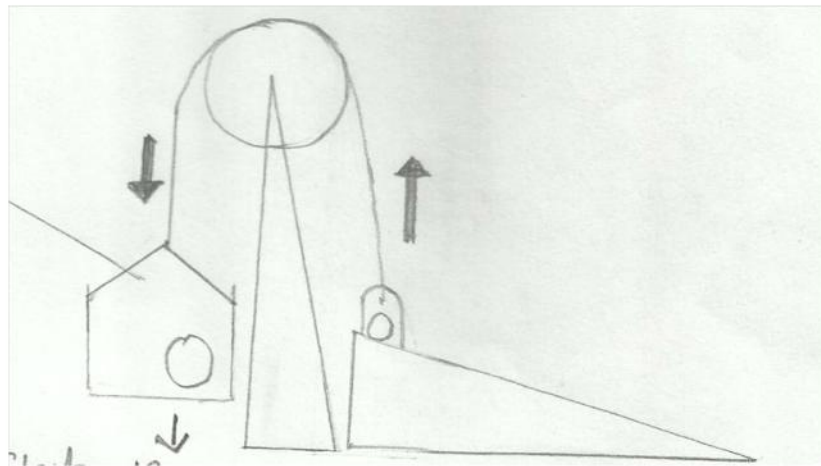
STEP 17: The marble released after bursting of balloon enters the below shown apparatus. The balls reaches up from down by this apparatus.



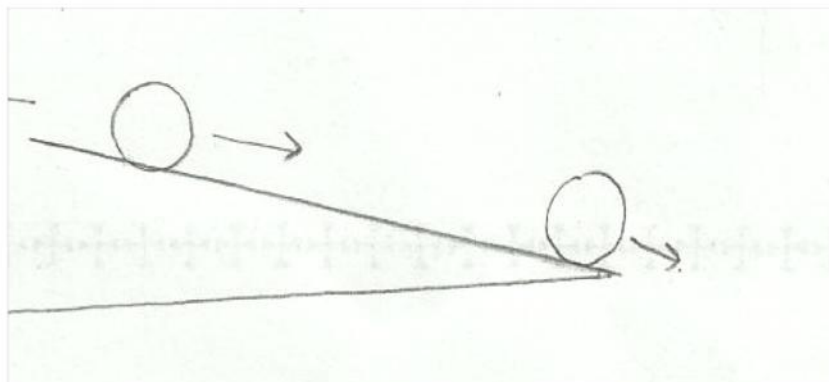
STEP 18;Thr marble falls in a bucket that is hanging on a rod.



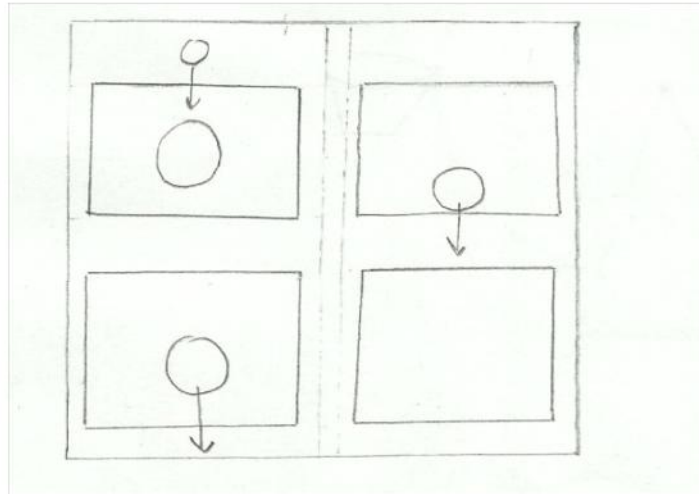
STEP 19;The bucket falls in a pulley and due to imbalancing the cover over the ball rises.



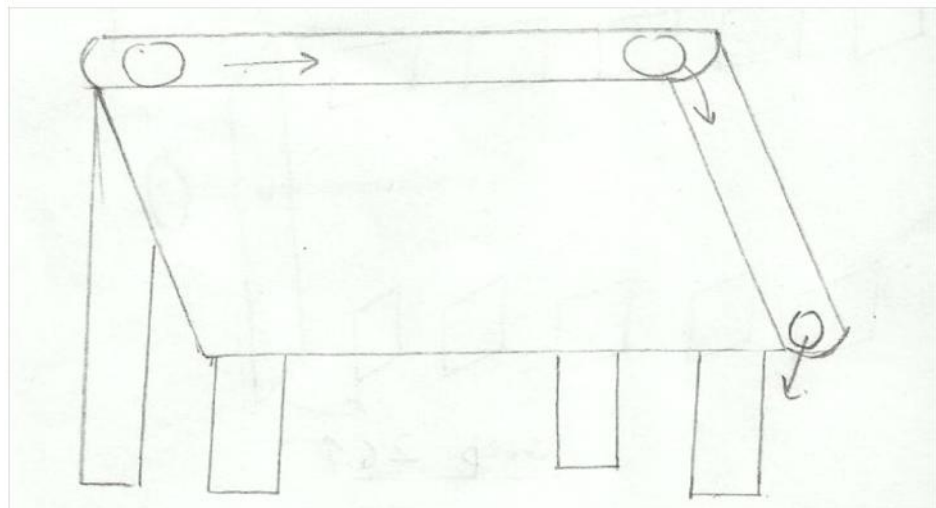
STEP 20;The ball rolls down the incline after getting released from the covering over it.



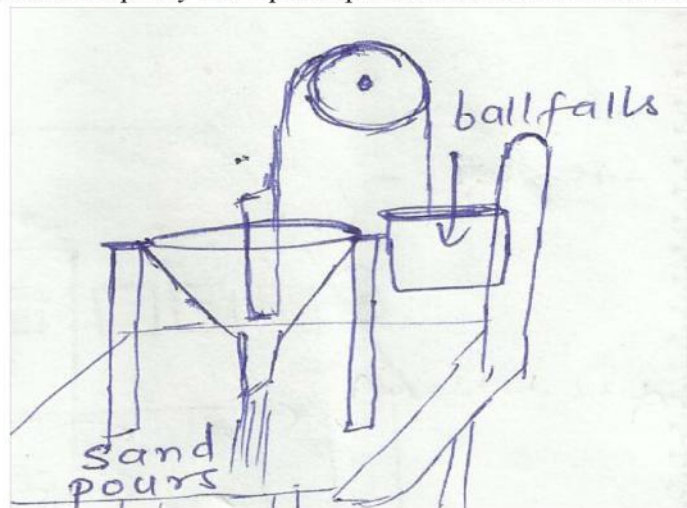
STEP 21; There are four slots, in which each of the two slots are interconnected by a cloth



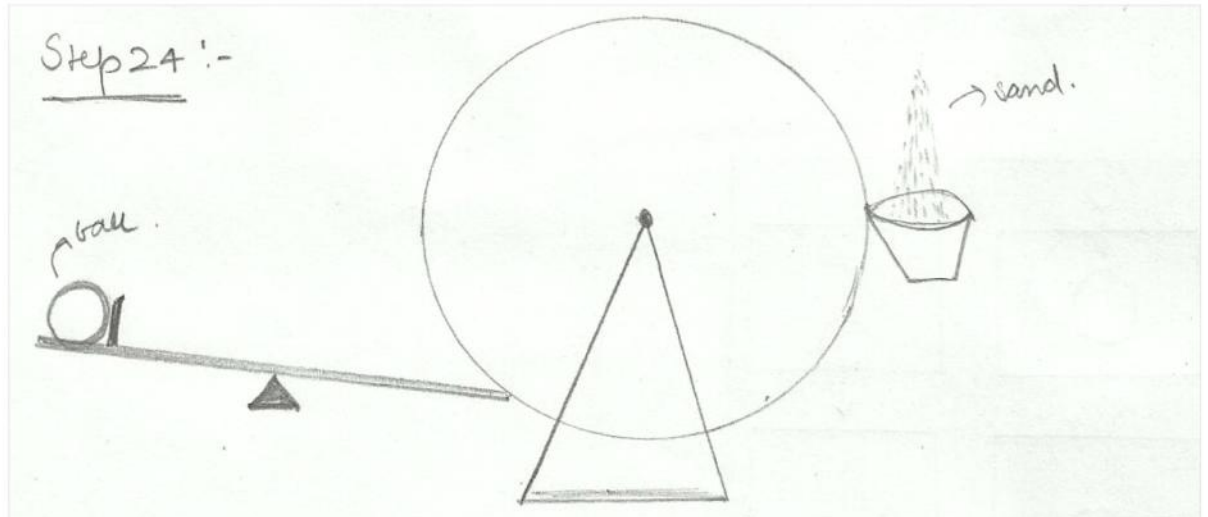
STEP 22; The ball rolls down the pipes.



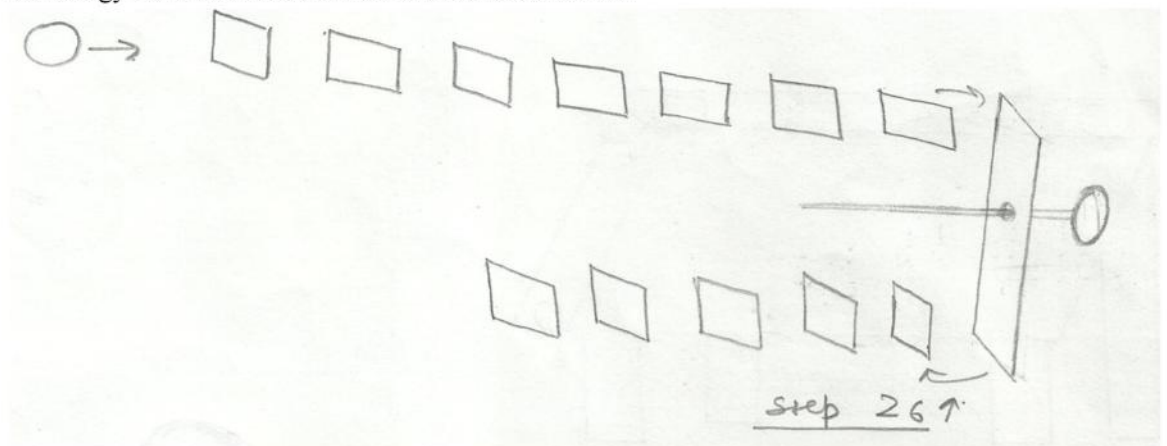
STEP 23; The ball falls in a pulley and it pulls up the obstruction in the funnel and the sand starts pouring.



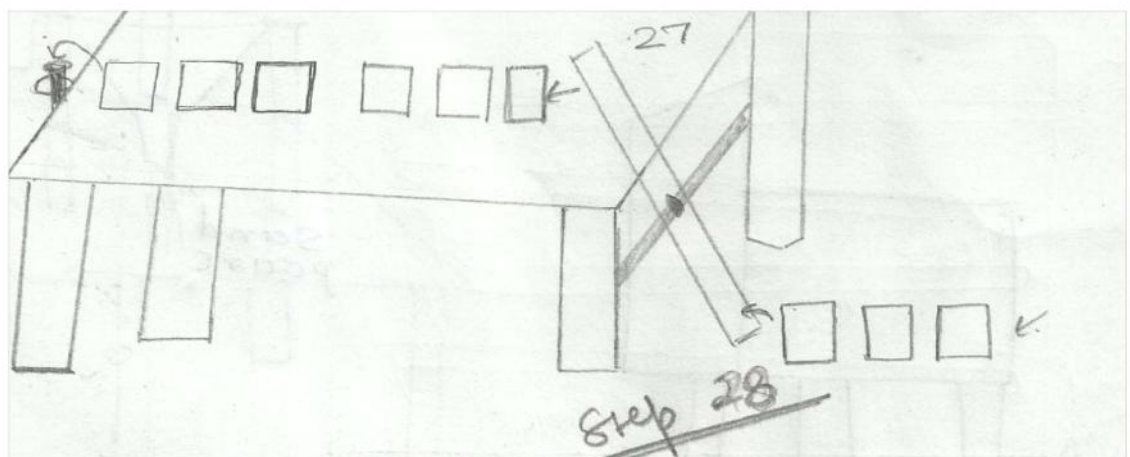
STEP 24;The sand pours in a bucket attached to a roller coaster which will pull up a see saw causing the ball on the see saw to fall off.



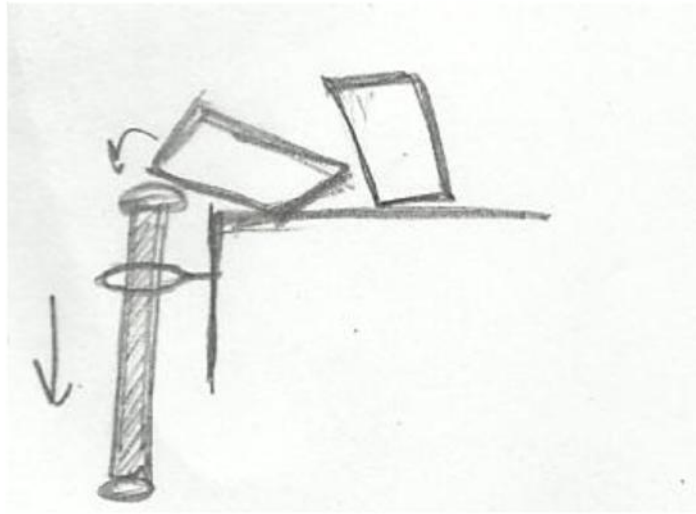
STEP 25 and 26;The ball strikes a series of dominoes and dominoes strikes a scale which transfers the energy from one series of dominoes to other series.



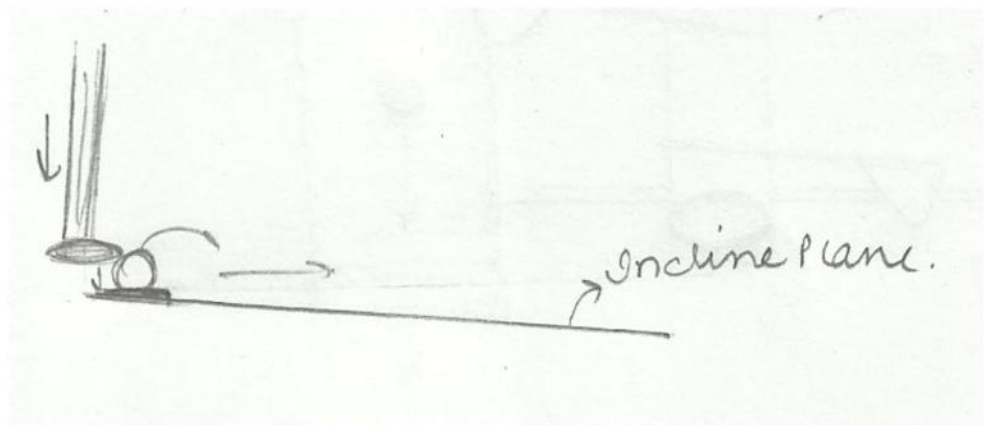
STEP 27 AND 28;The stick attached to table transfers energy from one series to other series.



STEP 29;Dominoe falls on a pipe that strucks off a marble placed close to it.

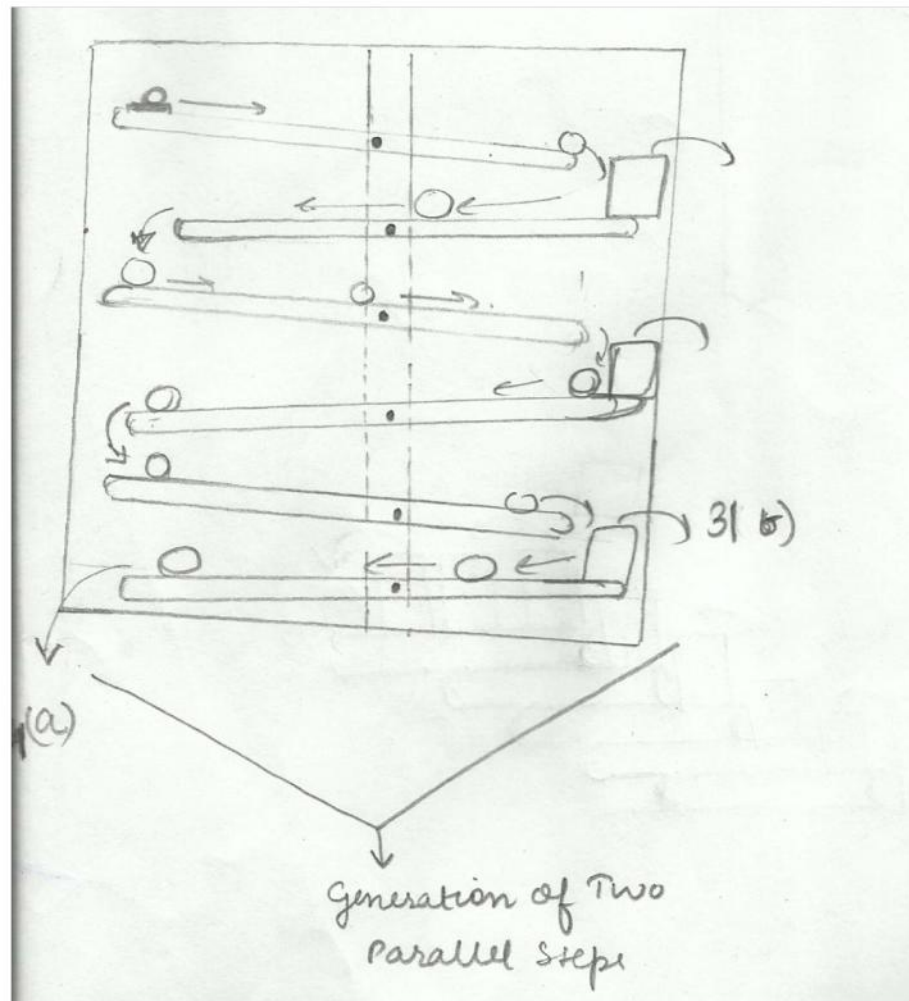


STEP 30;The marble falls down the incline after getting struck.

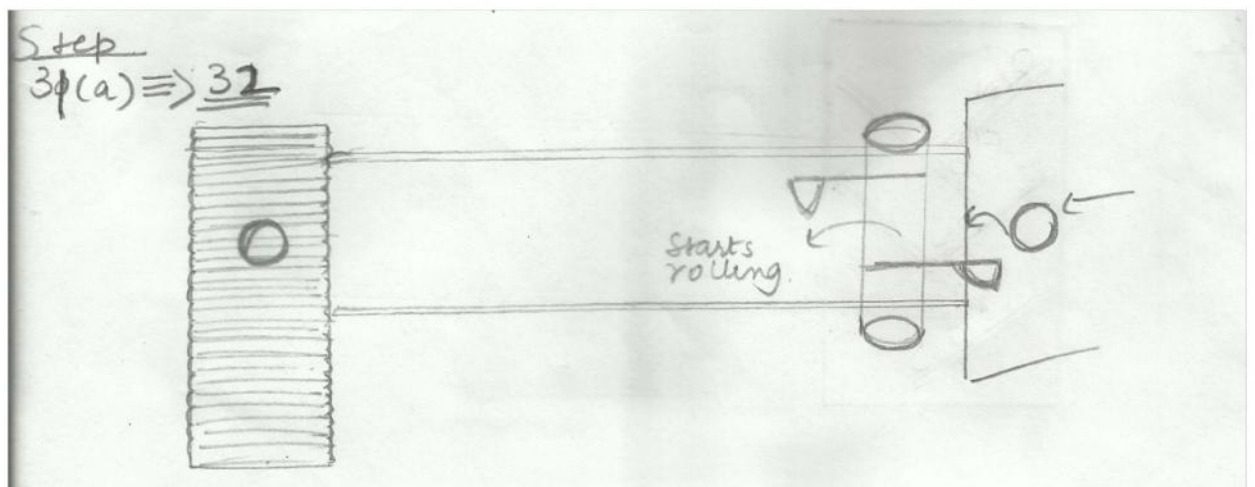


PARALLEL PROCESS START:

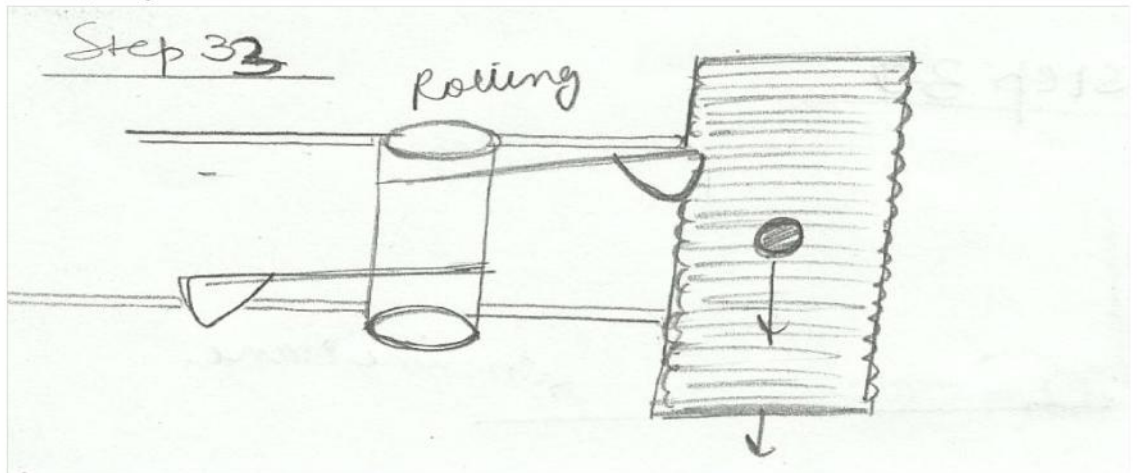
STEP 31;The marble falls in the apparatus shown next.The marble moves down along with pushing the blocks as a result of which they fall off the apparatus and the marble moves down.Blocks and the marble starts off the parallel processes seperately.



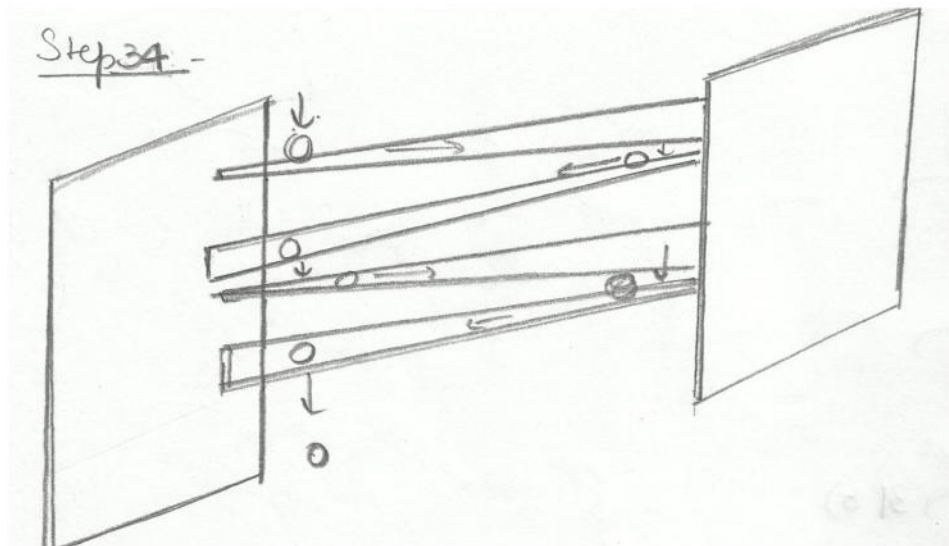
STEP 32; The marble starts off a glass that rolls on the rods.



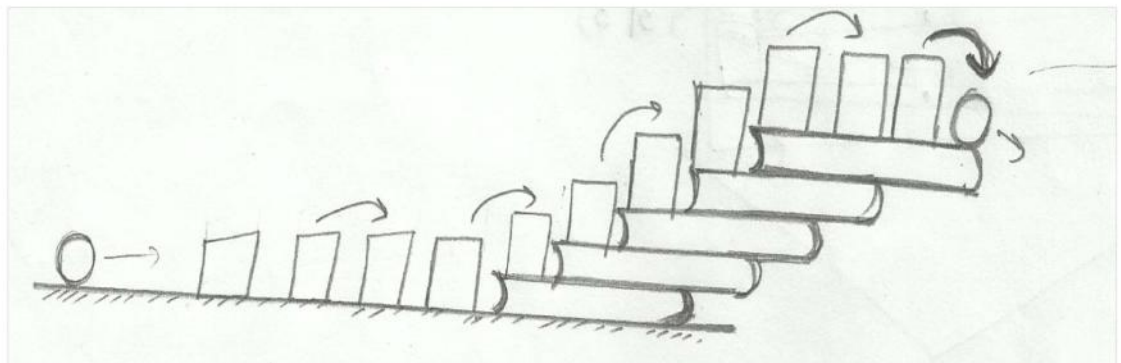
STEP 33;The glass strikes another marble.



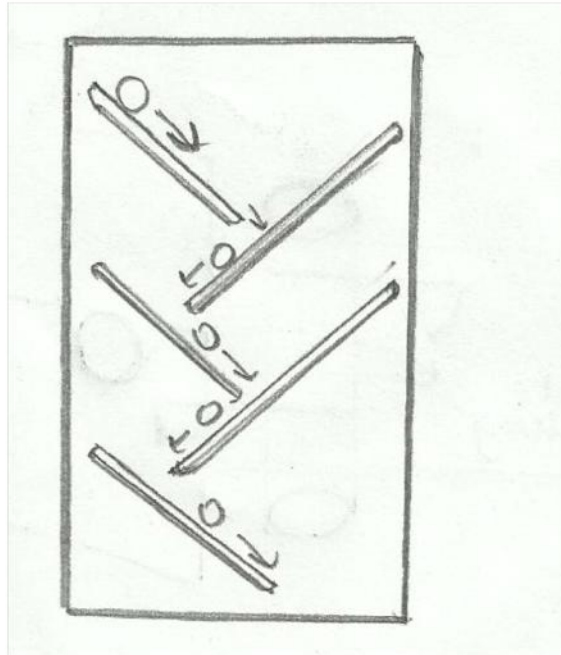
STEP 34;The marble moves down a set of rods.



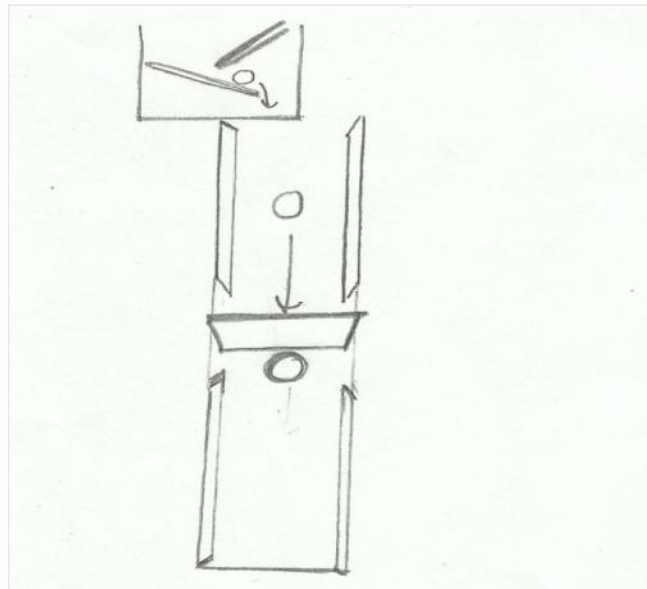
STEP 35;The marble strikes off a series of rising dominoes.



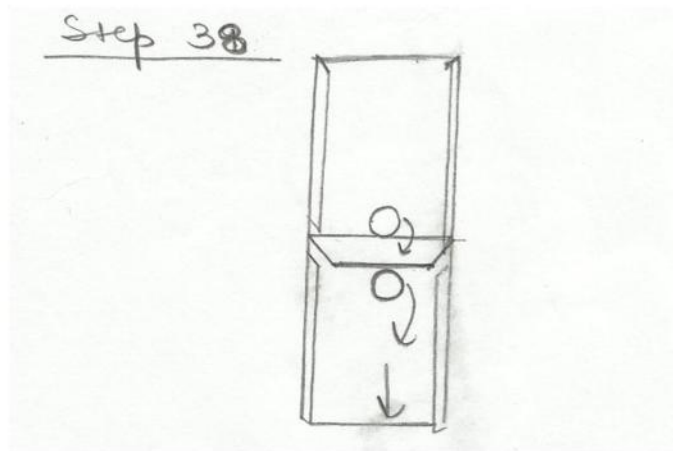
STEP 36;The marble moves down a zig zag path.



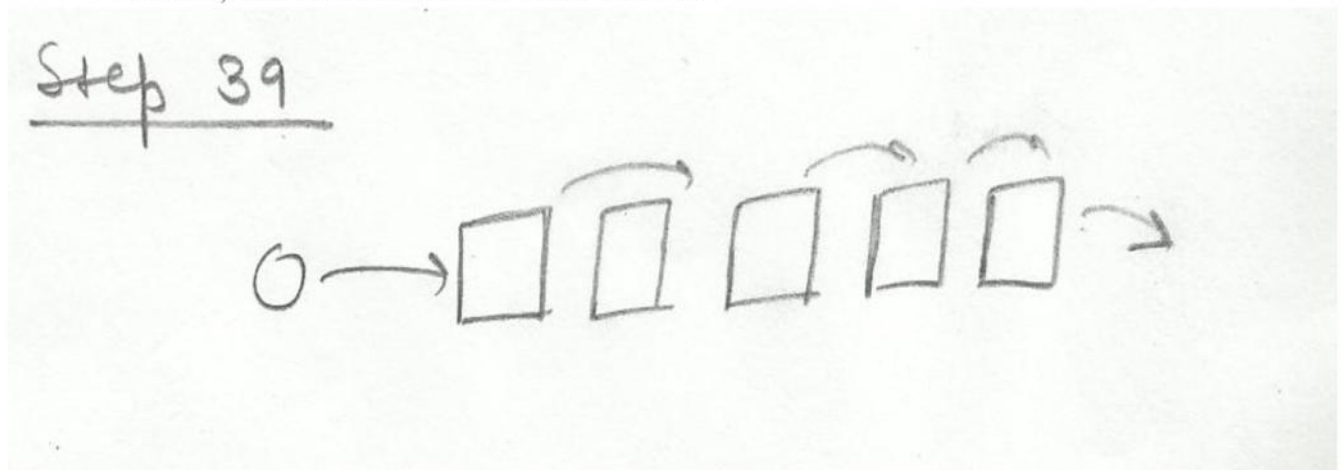
STEP 37:The marble from the above step moves from the above apparatus to the next apparatus.



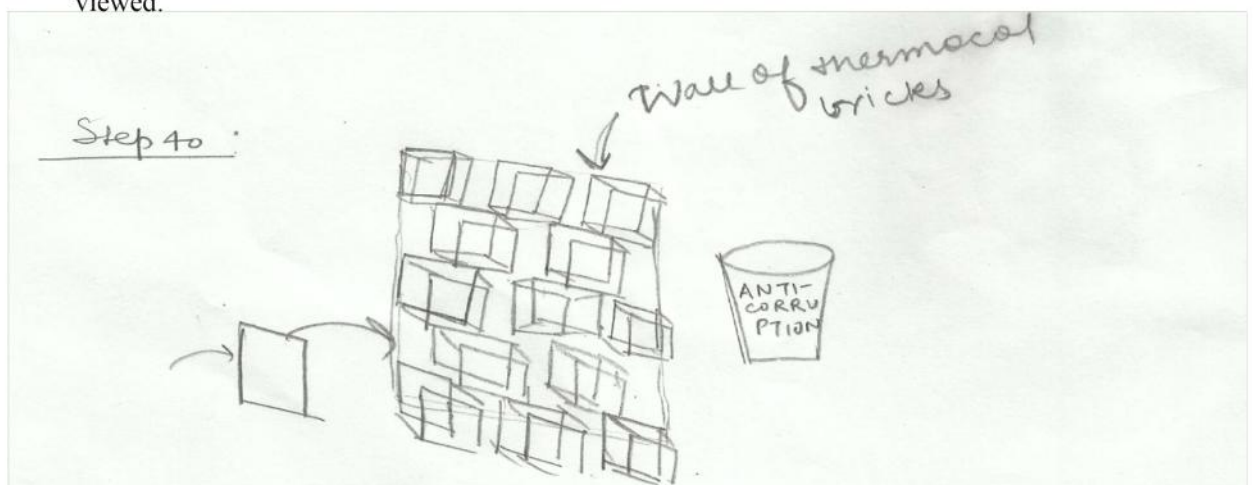
STEP 38; The ball strikes the other ball with the help of cardboard strip.



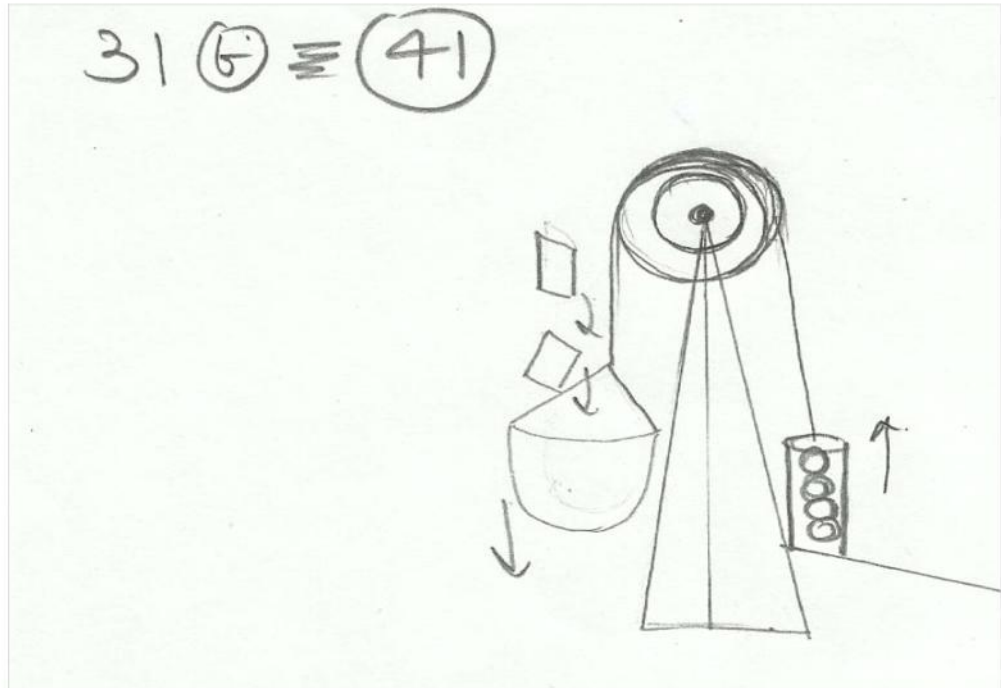
STEP 39; The marble strikes off a series of dominoes.



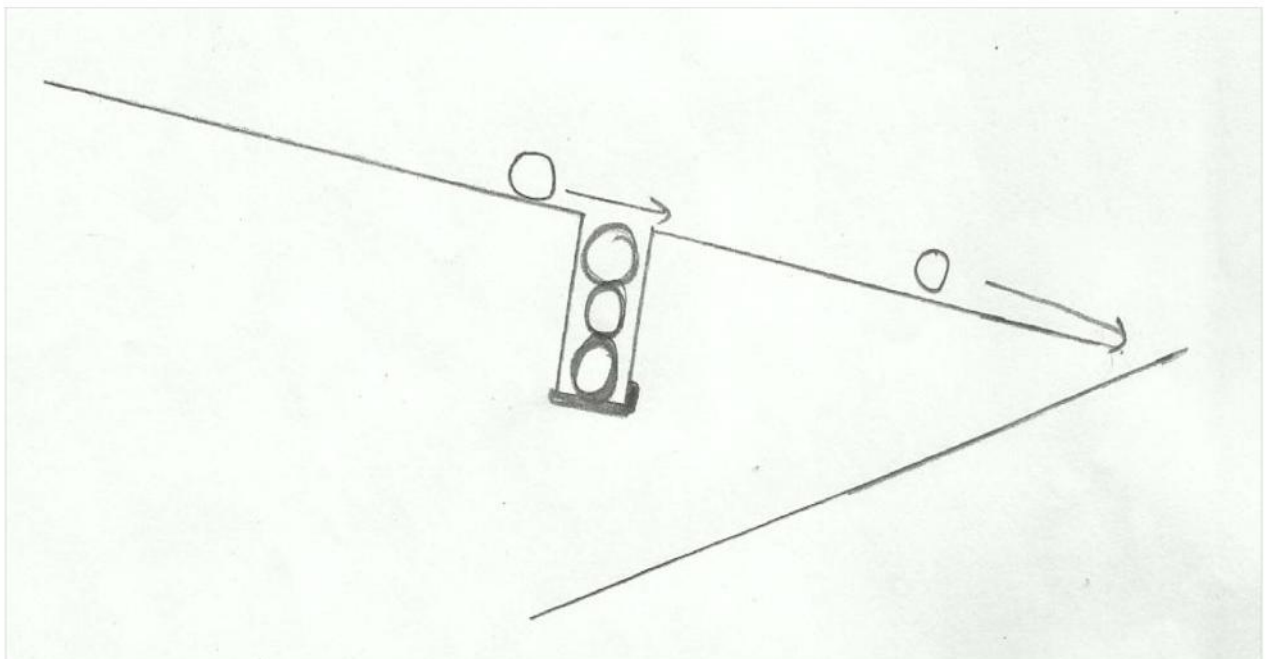
STEP 40; The dominoe pushes the wall formed of thermacol blocks and anti corruption cup is viewed.



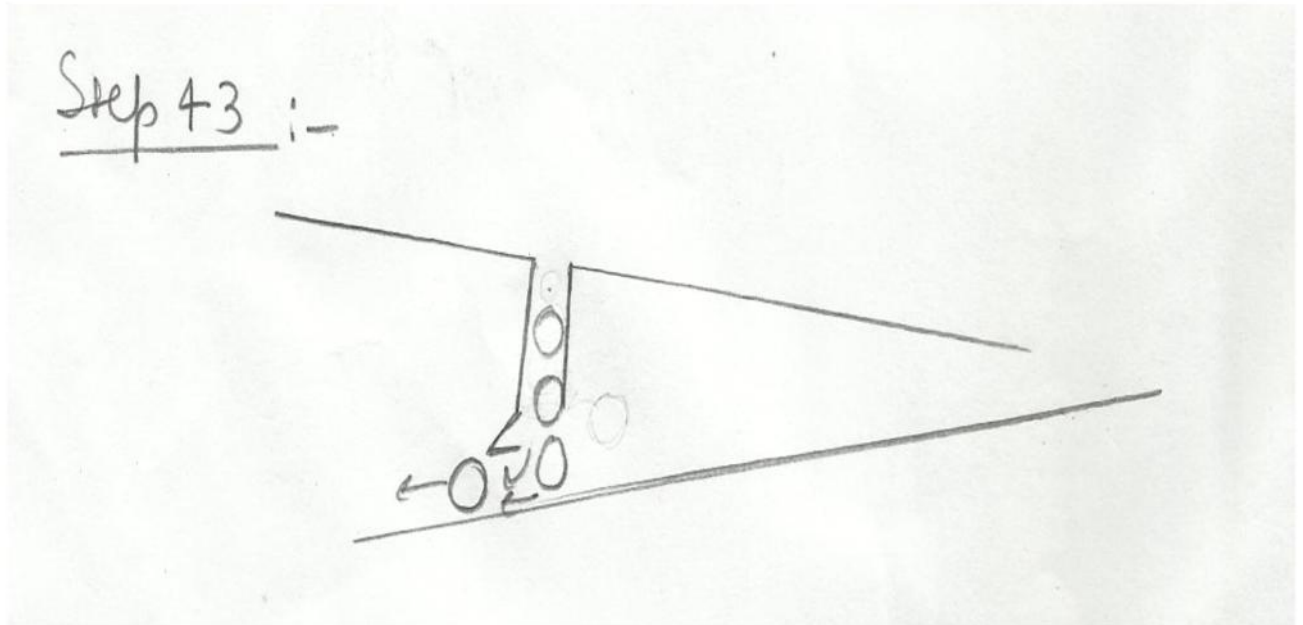
STEP 41; The wood blocks fall into the container of the pulley sequentially and lift the other side.



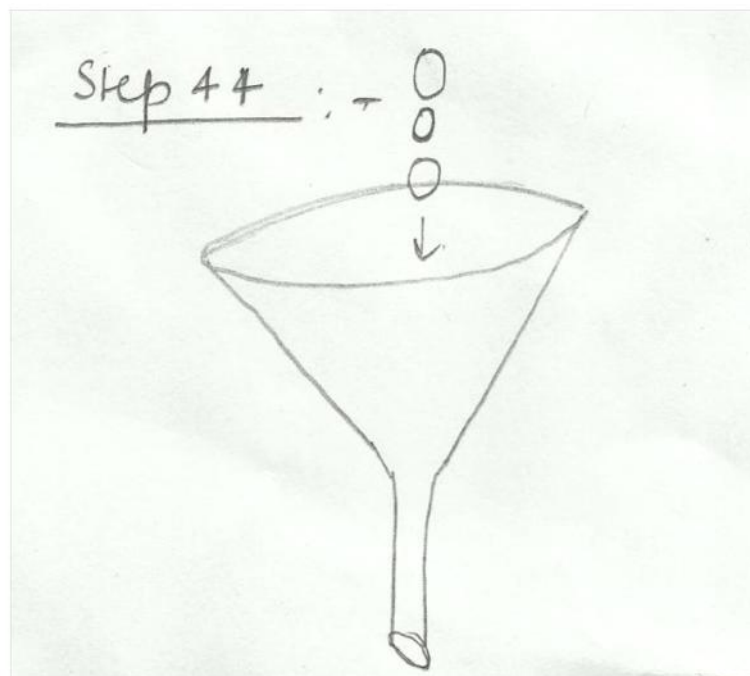
STEP 42: Marbles move down the inclined plane.



STEP 43; The marbles filled in the hole of the inclined plane passes through another inclined plane.



STEP 44: The marbles fall into the funnel.



STEP 45; The marbles strike the toilet paper which has the 'ANTI CORRUPTION SLOGAN' written on it.

