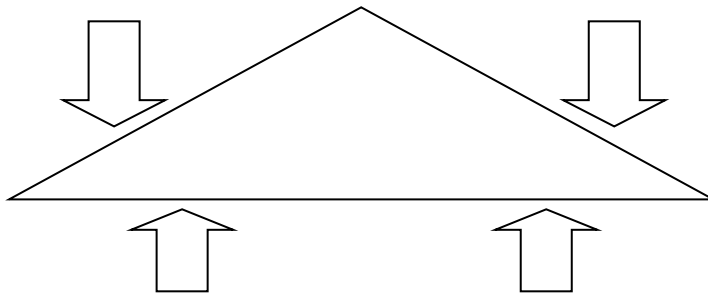


Chinese Hats Experiment

Old Chinese Proverb says:

'Person who drops hat on floor, gets 5 years bad luck'

Your job was then to design an experiment/investigation into how the speed of the drop can be slowed. The diagram below shows the forces at work – label the arrows



Variables:

List the factors below which could affect the speed at which the hat falls:

-
-
-
-

Which factor did you choose to investigate?

-

Prediction (what did you expect to happen?):

List at least 2 things you did to make your test valid:

-
-
-

Results:

Time 1					
Time 2					
Time 3					
Average Time					

What do your results tell you? (e.g. which hat fell the quickest, which the slowest)

Why do you think this was? (key terms: weight, gravity, air resistance, air particles)

Was this what you expected and why?

Extension

For one or more of the other variables explain what you would expect to happen and why?

Try to find somebody else's results which will help prove or disprove your theory.