When it comes to rain, running or walking is the least wet?

The hypothesis is that the rain speed is constant, the distance of travel is fixed. We will only focus on analyzing the horizontal and vertical rainfall falling into people.

Many people wonder if we should run or walk under the rain to wet at least. Let's find the answer through the article below!

1. Can you get a jerk, even death if you pee the power line?
2. If the atomic bomb exploded in the ground, what horrible thing would happen?
3. If shot, did you hear the first explosion or hit the previous bullet?

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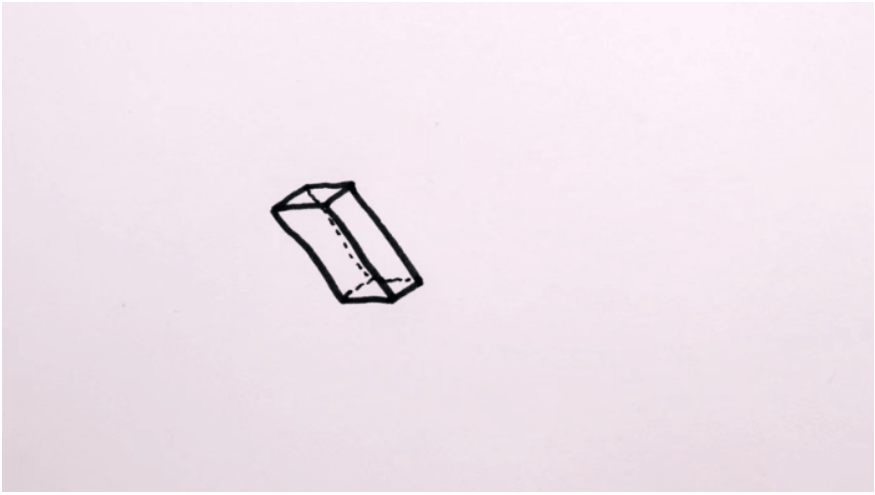
When moving, you avoid this rain drop and you will meet another rain drop.

One thing is for sure, when you move, you avoid a drop of rain, another drop of rain will fall on you. That is, whether you stand still or go, it is calculated vertically, in the same period of time the rainfall falls. And of course, the longer you stand in the rain, the more rain will fall on you.



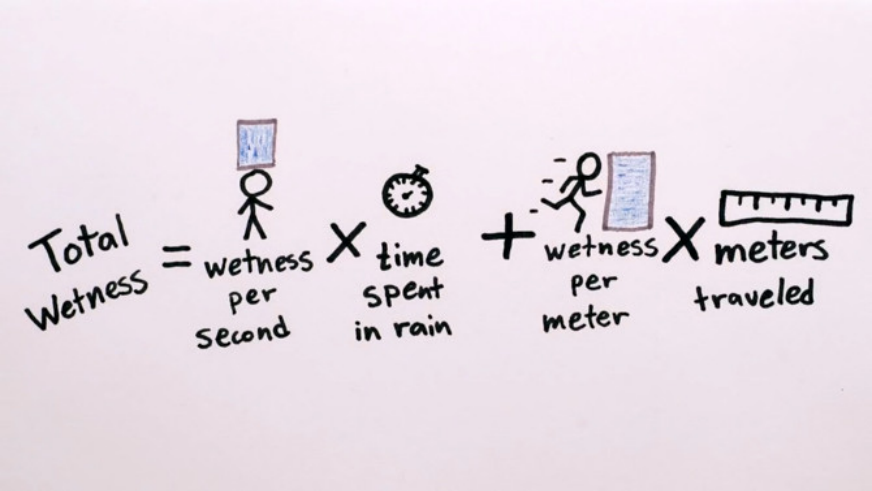
However, if the hypothesis is that the rain drops suddenly stand still, while you and the ground will move straight up, through the raindrops. At that time, no matter how quickly or horizontal you move, the rainfall falls on you every second. The reason is that the box-shaped volume (3D parallelogram) does not depend on its tilt.

So, if you stand still, you will only get the rain falling from the top, and when you run, you will experience rain drops from the side and of course you will get wet.

But if you're trying to go from point A to B, you need to move. At that time, in addition to the vertical rain, you have to catch more horizontal rain, the rain poured in the face.

At the same time, the amount of rain falling on the head is the same whether you go fast or slow.

We will calculate the total amount of rain falling on people by the formula: (the amount of water falling per second multiplied by the time you move under the rain) plus (the amount of water across each meter multiplied by the distance you move).



But according to the first hypothesis, we have a fixed travel distance, the amount of rain is constant, so we need to minimize the amount of rain falling on the head to keep it dry.

In short, when you meet the rain, run out of the rain as quickly as possible.