

### **Taiga Jumping at ryuuji:[1:08](#)**

So finding the distance she jumped the average desk is 27 pixels and the average desk is around 18 cms making each pixel 1.5 cms considering where taiga was when she jumped and where ryuuji was it he would be about 673.5 cms or 6.735 meters

The time it took to make the distance was .25 seconds

Which means she was traveling at 26.8224 M/S

Taiga weighs 34 kg

So the KE of this is 12,230.5

### **Ami throwing Taiga:[3:27](#)**

So in the next episode this pool has been stated to be 50 meters long and taiga was thrown half this distance so this was about 25 meters

The time it took her to get thrown this distance was .8 seconds

So she was thrown at a speed of 31.25 meters per second

And the KE is 16601.56