Abstract Submitted for the FWS21 Meeting of The American Physical Society

Heisenberg uncertainty principle disproved CHIRAG RAI, 12th stander student — 1. Imagine there are 2 subatomic particle 2. Measure their mass stick them together 3. Let them spring apart 4. What happens? 5. Their positions and velocities are related But The uncertainty principle says, If we measure the position of onethen we cannot measure its velocity. But we can still measure the velocity of the 2nd particle and since they are mathematically related we can then determine we can determine the velocity of the first particle so wed know both its position and velocity without measuring them both. 6. suppose you have to measure the position and velocity of an object which does not exist at a time but you can't, because the uncertainty principle says you can't measure the position and velocity at a time, how I am going to tell: you have to measure the position of the imaginary object and imagine there the same mass object which is mathematically connected let's suppose there are 2 objects A and B first measure the position of the A object and then measure the velocity of object B. After you measure the position and velocity you will simultaneously get the position and velocity of A as well as B because they have equal mass and they are connected mathematically.

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