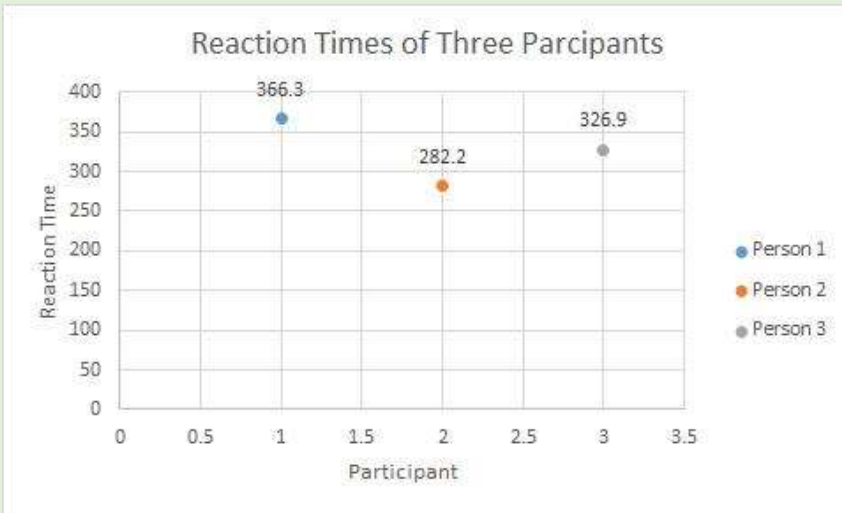


Guiding Question: Do two people have the same reaction time?

Claim: Participants do not have the same reaction times based upon the data in this experiment.

Evidence

In Microseconds



Standard Deviation of 34.36 microseconds

Range rule (expected deviation) : $S = 21.03$

Justification

Each participant went to the website, <https://nrich.maths.org/reactiontimer>, in order to judge computer mouse reaction time

The participants each took the trial 10 times in order to provide a better mean per individual

A standard deviation was calculated in order to show accuracy between participants