

Mathematical Conjecture:

Conjecture- an opinion or theory so formed or expressed; guess; speculation

Sample Lessons

1. Guess number of items in a jar and have students explain how they came to their conclusion. When every student has finished, count the exact number of items in the jar.
2. Have students compare the weight of two different items and then check for the actual weights. Students should be able to explain why they chose one to be heavier than the other.
3. Have students guess how far down the hall one hundred steps would be for them starting at the same location. Students should take in account that each child's steps would be a different length. Students should then count their steps to see if their conjecture is proven true.