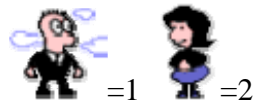


Example:

The effect of teaching methods (on-line or f2f) in science on the science achievement test for 8<sup>th</sup> graders

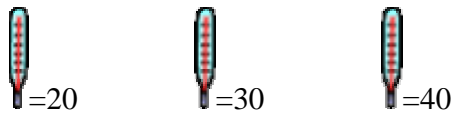
Nominal Scale



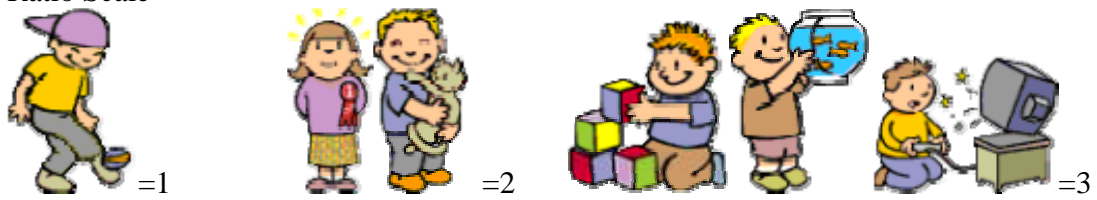
Ordinal Scale



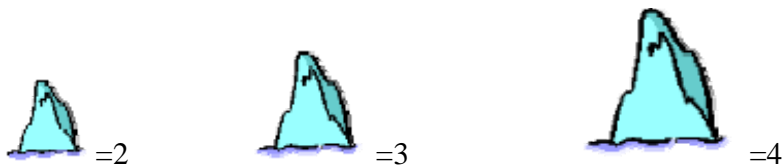
Interval Scale



Ratio Scale



Iceberg Example:



How about test scores?

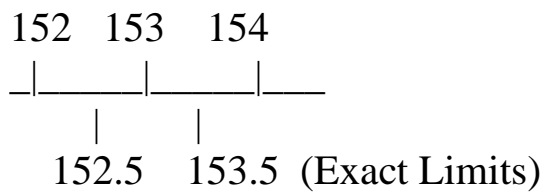


James = 0 Sam = 50 Linda = 100

Interval vs. Ordinal Debate

Exact numbers: I have 2 children.

Approximate numbers: I weigh 153 pounds.



I weigh 153.5 pounds.

