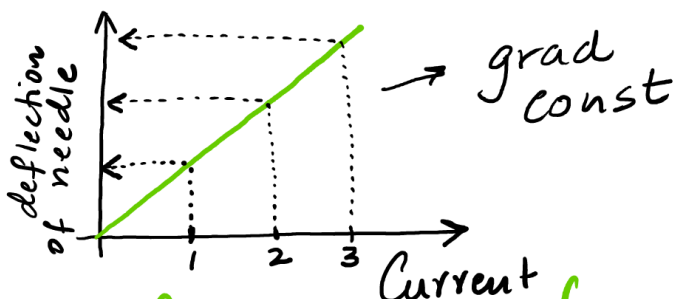
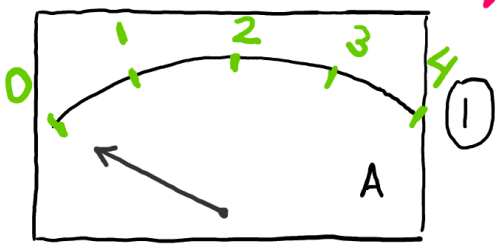
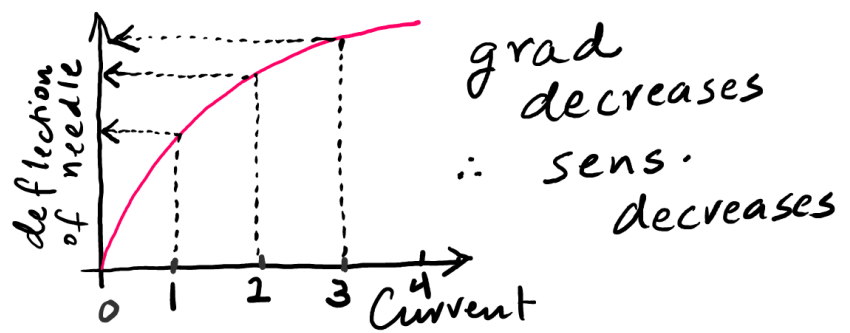
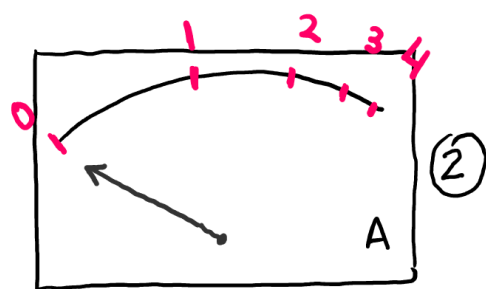


how many units are moved to measure a particular value

• diagrams below show 3 different Ammeters (A) used to measure Current



- Linear scale
- scale is equally sensitive for all values of current.

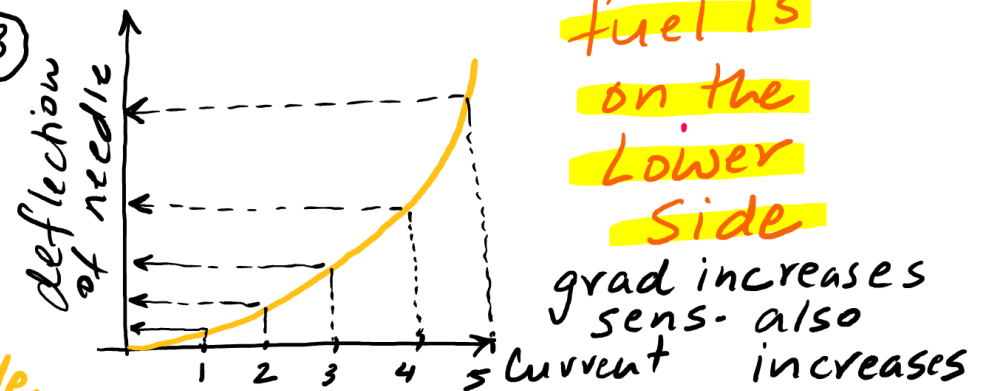
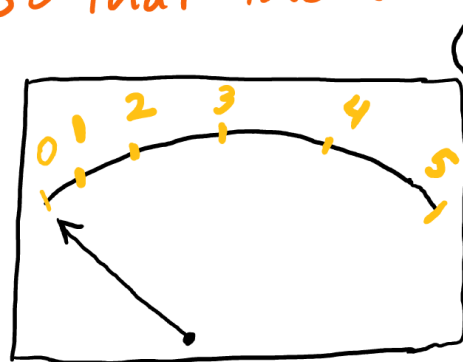


- Non-Linear.
- scale is more sensitive for lower values of current.

Where can it be used?

Since diag (2) offers a higher sensitivity for lower values ∴ it can be used as a FUEL GAUGE in CAR so that the driver can be alerted when

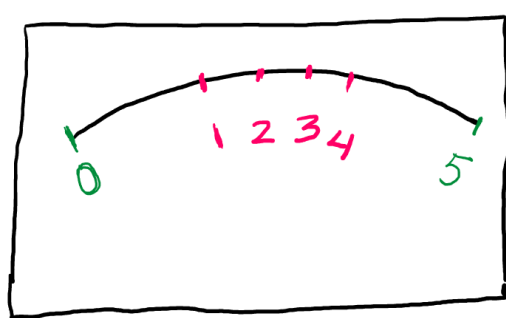
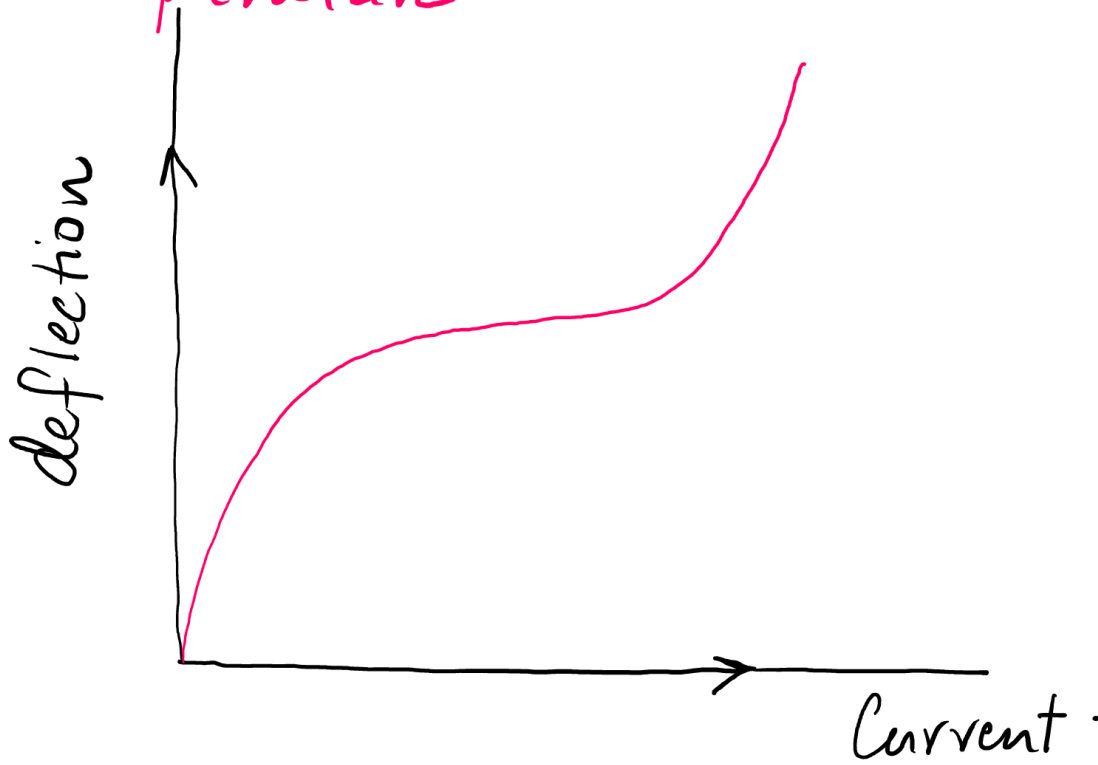
fuel is on the lower side



- Non-Linear scale
- scale is more sensitive for higher values of current.

Where can it be used?

Since diag (3) offers a greater sensitivity for higher values ∴ it can be used as a TEMPERATURE GAUGE in CAR so that the driver can be alerted when the engine reaches a high temperature



- More gap in the start & in the end
- Less gap in the middle

“Ice-Cream factories”