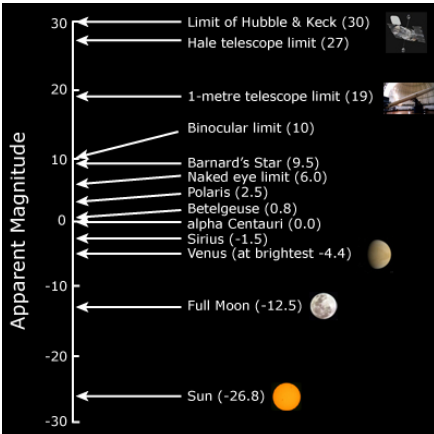


Hipparchus

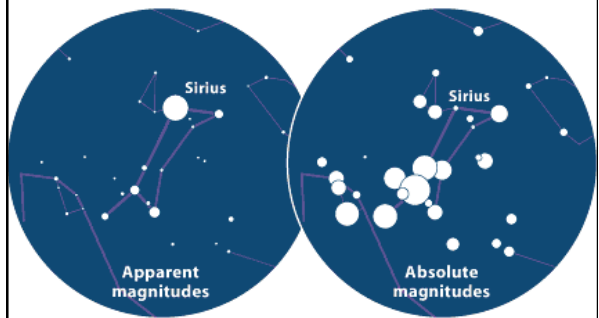


APPARENT MAGNITUDE

Mag. 1		
Mag. 2 x 2.5 dimmer		x 2.5
Mag. 3 x 2.5 dimmer		x 6.25
Mag. 4 x 2.5 dimmer		x 16
Mag. 5 x 2.5 dimmer		x 40
Mag. 6 x 2.5 dimmer		x 100



Absolute Magnitude of the Sun $M_v = +4.83$ mag



How bright stars appear to us

How bright stars would be if they were all placed at 10pc away

