Helpful Equations

Hubble’s Law states:

Where,

recession velocity (km/s or kms-1),

distance to the galaxy (Mpc) and

the Hubble Constant (km/s/Mpc or kms-1Mpc-1) – this is the gradient of your graph

Recession velocity:

Where,

speed of light (300,000km/s or )

redshift

Redshift:

Where,

observed wavelength

emission wavelength