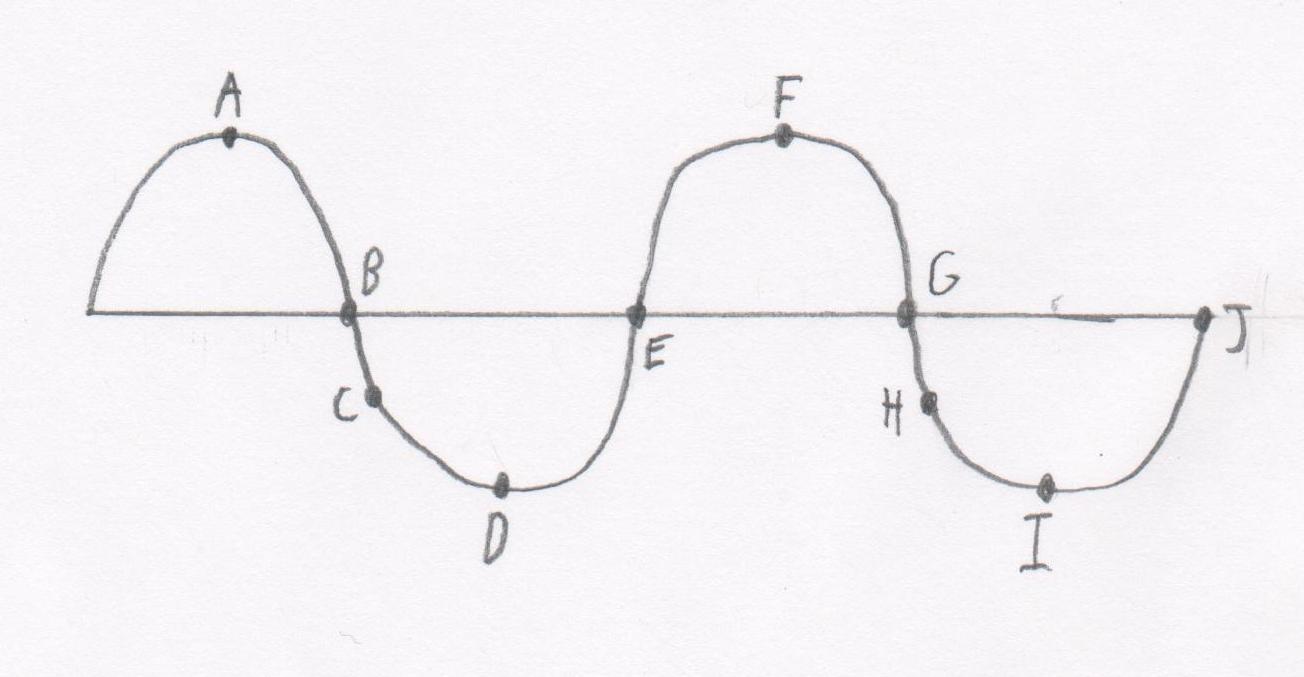
**Transverse wave**



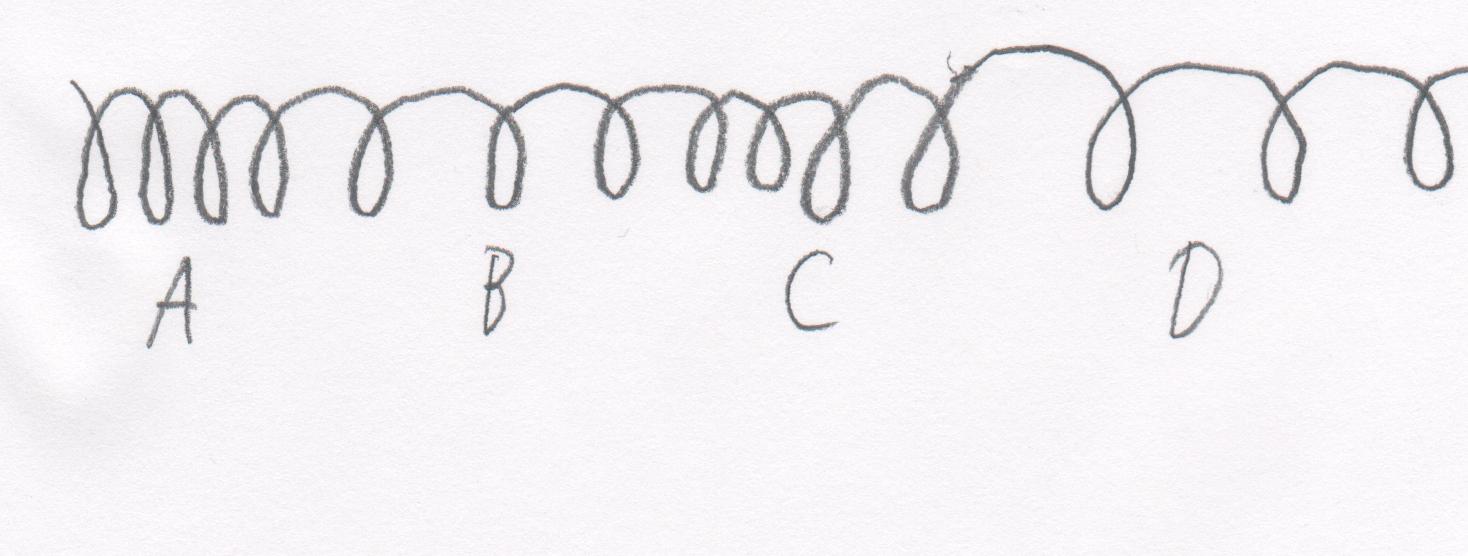
Equilibrium represented by line down the middle, rest position of particles when there is no wave.

Crest-Point of maximum displacement (upwards) - A and F

Trough-Point of maximum negative (downwards) – D and I

Amplitude-Max displacement from equilibrium – A, D, F and I

Wavelength-The length of one complete wave cycle – A to F, D to I, C to H etc.



**Longitudinal waves**

Compression-Point on the medium where the particles are most closely spaced – A and C

Rarefaction-The point on the medium where the particles are spaced the furthest apart – B and D