

SHEAR & MOMENT DIAGRAM RULES

1. Shear is largest at a support.
2. Moment is largest where the shear diagram crosses the base line.
3. Slope of the Shear diagram = Load
4. Slope of the Moment diagram = Shear
5. Change in the Shear between two points = the Sum of the Load between those two points.
6. Change in the Moment between two points = the Sum of the Shear between those two points.