Compute and tabulate the half station elevations for the unequal tangent vertical curves shown below. Determine the point of 0% slope for each of the problems and include that station and elevation in your table. Also include a column with %grade.

1.   A +3.250% grade meets a –2.600% grade. The PVC station is 13+25.00 with an elevation of 456.78'. The total length of the curve system is 750.00'. The PVI station is 17+75.00.

2.   G1 = –2.250%, G2 = +3.750%, PVC Station = 12+35.00, PVC Elevation = 4321.00', Total Length = 800.00', PVI Station = 14+85.00.