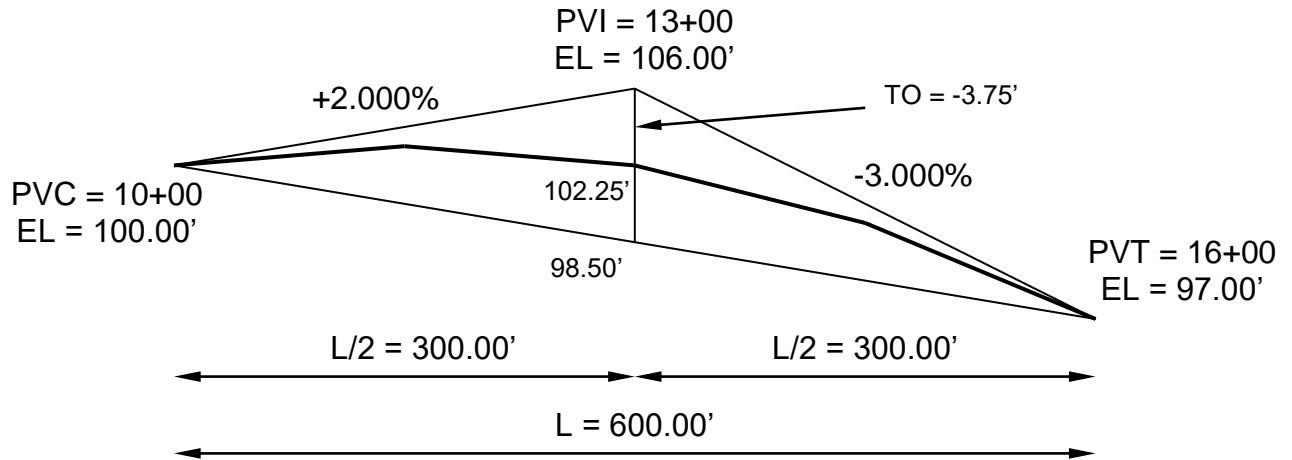


1. Given the curve as shown...  
Find elevations for full and half stations:



Using first tangent only...

STATION	X	TANGENT ELEVATION	OFFSET	CURVE ELEVATION	FIRST DIFFERENCE	SECOND DIFFERENCE
10+00	0.00	100.00	0.00	100.00		
10+50	0.50	101.00	-0.10	100.90	0.90	-0.21
11+00	1.00	102.00	-0.42	101.58	0.69	-0.21
11+50	1.50	103.00	-0.94	102.06	0.48	-0.21
12+00	2.00	104.00	-1.67	102.33	0.27	-0.21
12+50	2.50	105.00	-2.60	102.40	0.06	-0.21
13+00	3.00	106.00	-3.75	102.25	-0.15	-0.21
13+50	3.50	107.00	-5.10	101.90	-0.35	-0.21
14+00	4.00	108.00	-6.67	101.33	-0.56	-0.21
14+50	4.50	109.00	-8.44	100.56	-0.77	-0.21
15+00	5.00	110.00	-10.42	99.58	-0.98	-0.21
15+50	5.50	111.00	-12.60	98.40	-1.19	-0.21
16+00	6.00	112.00	-15.00	97.00	-1.40	