

Given:

$$\begin{aligned} D_C &= 7^\circ 30' 00'' \\ C &= 675.00' \\ PC &= 14+49.36 \end{aligned}$$

Find:

Deflection angles and sub-chords to layout this curve on full stations.
Include the midpoint of arc in the table.

$$\begin{aligned} (1) \quad \Delta &= \underline{\quad \quad \quad}^\circ \quad ' \quad '' \\ (2) \quad R &= \underline{\quad \quad \quad}' \\ (3) \quad L &= \underline{\quad \quad \quad}' \\ (4) \quad C &= \underline{675.00}' \\ (5) \quad T &= \underline{\quad \quad \quad}' \\ (6) \quad M &= \underline{\quad \quad \quad}' \\ (7) \quad E &= \underline{\quad \quad \quad}' \\ (8) \quad D_A &= \underline{\quad \quad \quad}^\circ \quad ' \quad '' \\ (9) \quad D_C &= \underline{7^\circ 30' 00''} \\ (10) \quad d_f &= \underline{\quad \quad \quad}^\circ \end{aligned}$$

STATION	l	$\alpha/2$	SC	SC (200' tape)
PC 14+49.36	-0-	-0-	-0-	
15+00				
16+00				
17+00				
MPOC <u> + </u> .				
18+00				
19+00				
20+00				
21+00				
PT <u> + </u> .				