Using t = $\frac{1}{2}$, r= $\frac{1}{5}$; AE = sin(2m)= 0.8 and DE=cos(2m)= 0.6 Angle ACB = angle CAB = 180° - 4m = $73^{\circ}44'23.3''$, making angle CBA = $32^{\circ}31'13.6''$

AD must equal AC for the symmetry to exist, so $\frac{1}{\sin 32^{\circ}31'13.6"} = \frac{AB}{\sin 73^{\circ}44'23.2"}$ and AB = 1.7857124 so DB = 0.7857124

