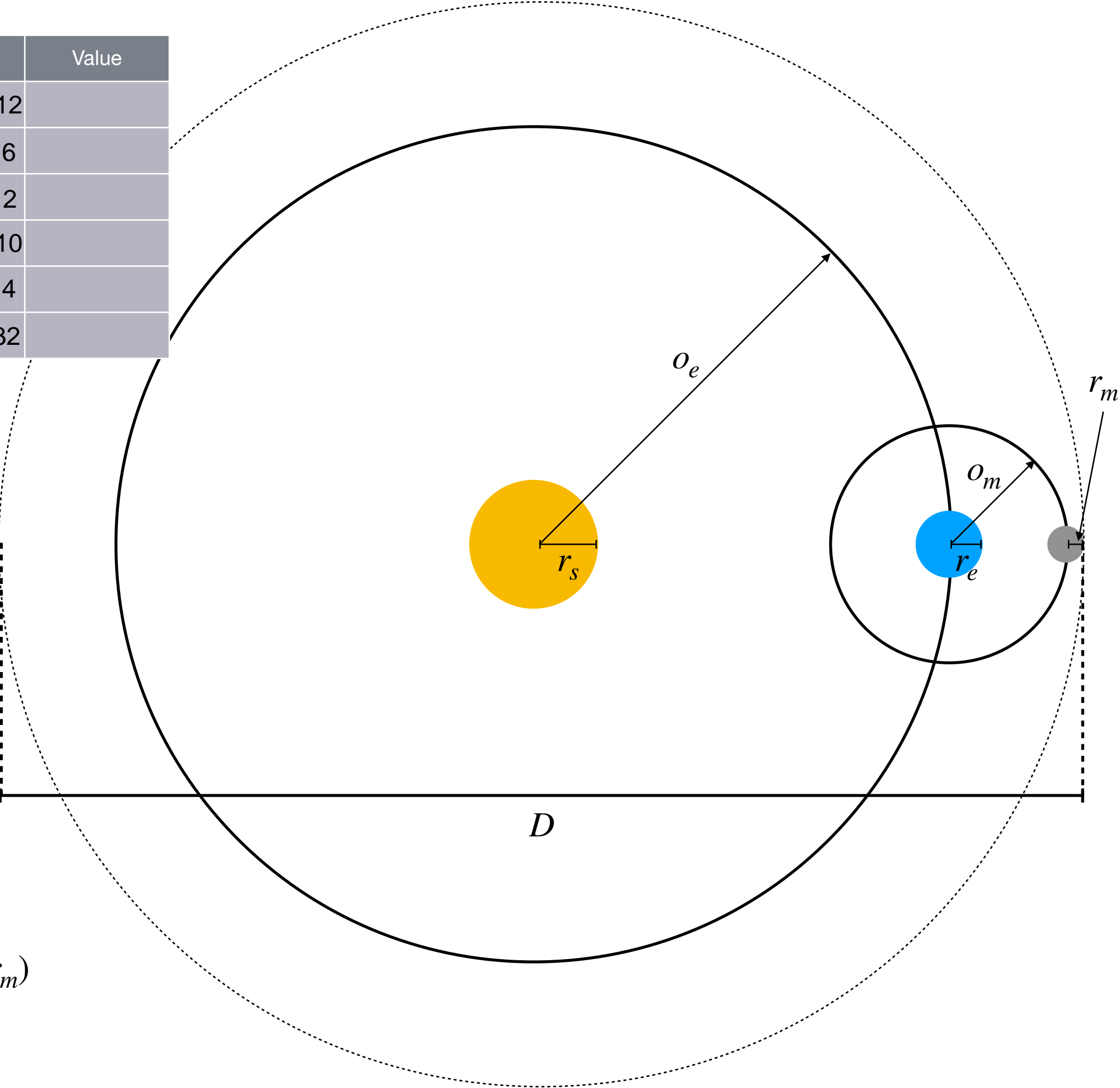


Parameter	Symbol	Value	
Sun's Radius	r_s	12	
Earth's Radius	r_e	6	
Moon's Radius	r_m	2	
Earth's Orbit	O_e	10	
Moon's Orbit	O_m	4	
Overall Diameter	D	32	



$$\begin{aligned} D &= 2(O_e + O_m + r_m) \\ &= 2(10 + 4 + 2) \\ &= \mathbf{32} \end{aligned}$$