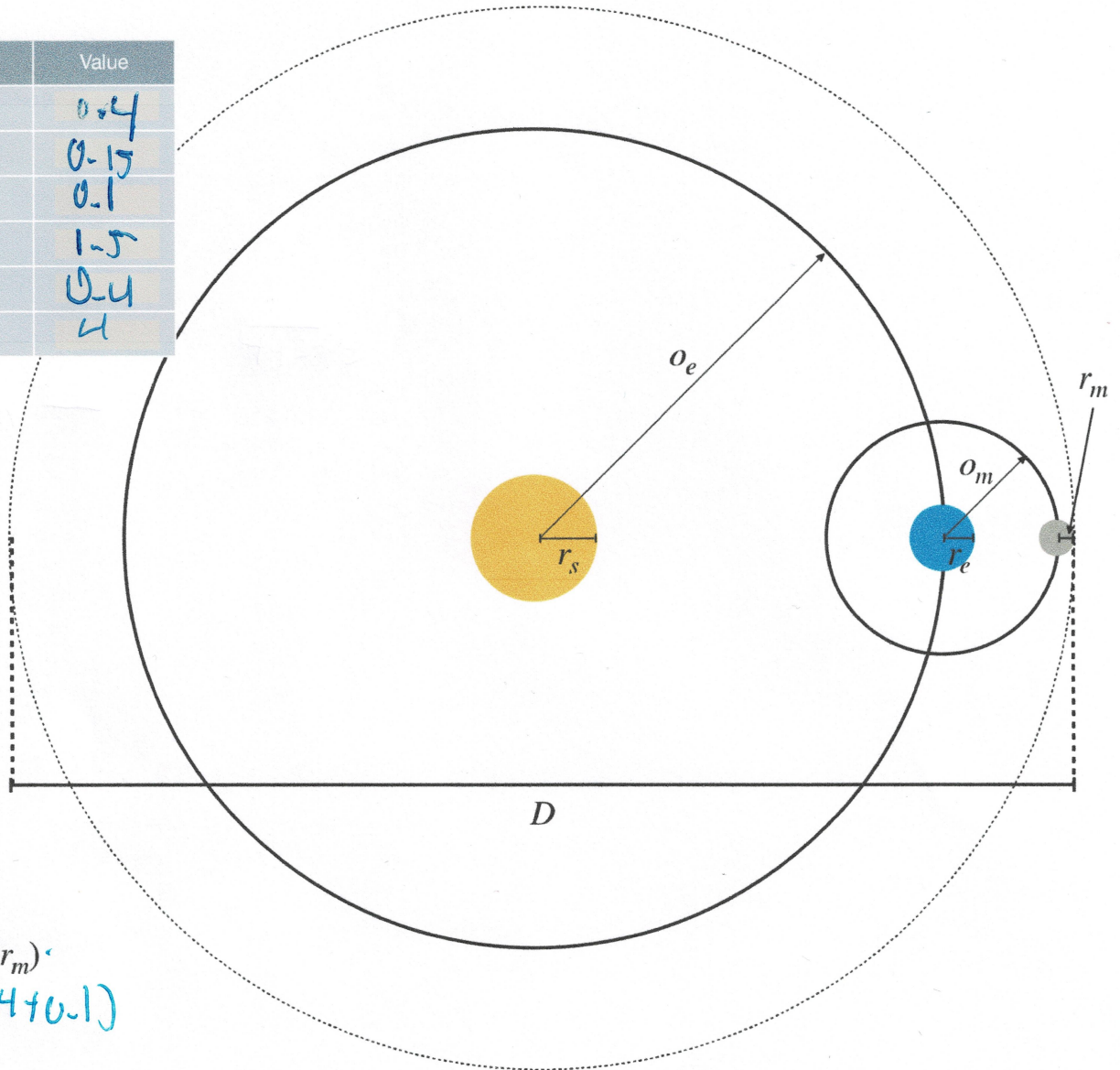


Parameter	Symbol	Value
Sun's Radius	r_s	0.4
Earth's Radius	r_e	0.15
Moon's Radius	r_m	0.1
Earth's Orbit	O_e	1.5
Moon's Orbit	O_m	0.4
Overall Diameter	D	4



$$D = 2(O_e + O_m + r_m)$$

$$\approx 2(1.5 + 0.4 + 0.1)$$

$$\approx 4$$