

## 25.5: Properties of Solar System Objects

Symbol	Value	Meaning	(25.5.1)
$M_e$	$5.98 \times 10^{24} \text{ kg}$	mass of earth	
$M_m$	$7.36 \times 10^{22} \text{ kg}$	mass of moon	
$M_s$	$1.99 \times 10^{30} \text{ kg}$	mass of sun	
$R_e$	$6.37 \times 10^6 \text{ m}$	radius of earth	
$R_m$	$1.74 \times 10^6 \text{ m}$	radius of moon	
$R_s$	$6.96 \times 10^8 \text{ m}$	radius of sun	
$D_m$	$3.82 \times 10^8 \text{ m}$	earth-moon distance	
$D_s$	$1.50 \times 10^{11} \text{ m}$	earth-sun distance	
$g$	$9.81 \text{ m s}^{-2}$	earth's surface gravity	

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