

# PLANETARY DISTANCE STUDY CHART

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

PLANET	AVG. DISTANCE (AU)	DISTANCE (MILLION KM)	LIGHT TRAVEL TIME
Mercury	0.39	57.9	3.2 mins
Venus	0.72	108.2	6.0 mins
Earth	1.00	149.6	8.3 mins
Mars	1.52	227.9	12.6 mins
Jupiter	5.20	778.6	43.2 mins
Saturn	9.54	1,433.5	1.3 hours
Uranus	19.22	2,872.5	2.7 hours
Neptune	30.06	4,495.1	4.1 hours

## REFERENCE DATA & CONVERSIONS

1 Astronomical Unit (AU) = 149,597,871 km

Speed of Light (c)  $\hat{=}$  299,792 km/s

Calculation: [Distance in km] / [Speed of Light] = Time

## **OBSERVATIONS & NOTES**