

M/8a

$$v = \frac{2\bar{u} \cdot 149,6 \cdot 10^6 \text{ km}}{365 \cdot 24 \text{ h}} = 107302 \frac{\text{km}}{\text{h}}$$

$$v = 107 \cdot 10^3 \frac{\text{km}}{\text{h}} = 1,07 \cdot 10^5 \frac{\text{km}}{\text{h}}$$

$$v = \frac{2\bar{u} \cdot 149,6 \cdot 10^6 \text{ km}}{365 \cdot 24 \cdot 3600 \text{ s}} = \underline{\underline{29,8 \frac{\text{km}}{\text{s}}}}$$

$$\begin{aligned} G_1 \quad v &= \frac{2\bar{u} \cdot 3,84 \cdot 10^5 \text{ km}}{27,3 \cdot 24 \text{ h}} = 3,68 \cdot 10^3 \frac{\text{km}}{\text{h}} \\ &= 1,02 \frac{\text{km}}{\text{s}} \end{aligned}$$

(T sikh 8.24/13d)