3.) $c = 3 \times 10^8$ m/s $\rightarrow$ au/año

1 au = 149 597 870 700 m

1 año = 31 536 000 s

1m = 60s

1h = 60m

1d = 24h

$365 d \cdot \dfrac{24h}{1d} \cdot \dfrac{60m}{1h} \cdot \dfrac{60s}{1m} = 3153600$

$3 \times 10^8 \dfrac{m}{s} \cdot \dfrac{1 au}{149\,597\,870\,700\,m} \cdot \dfrac{31\,536\,000\,s}{1\,año} \approx 63271.51$ au/año