

## Punto 3

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- 1 Escriba la velocidad de la luz  $c = 3 \times 10^8 m/s$  en unidades de au/año.**

$$1au = 149597870700m \quad (1)$$

$$1año = 31536000s \quad (2)$$

$$c = 3 \times 10^8 m/s * \frac{31536000s}{1año} * \frac{1au}{149597870700m} \quad (3)$$

$$c = 63241.5au/año \quad (4)$$