

Astro 120 answer key

Answer 1:

The answer is 1.

Answer 2:

Distance = speed \times time

$$\text{Dist to Sun} = 186000 \frac{\text{mi}}{\text{s}} \times 8 \text{ min} \times \frac{60 \text{ s}}{1 \text{ min}} = 8.9 \times 10^7 \text{ miles}$$