Mass of sun:

$$M_\odot = 1.9885 \times 10^{30} \mathrm{Kg}, \quad \mathrm{m}_\odot = 1.9885$$

from NASA.

Gravitational constant:

$$G = 6.67\ 408(31) \times 10^{-11}\ \mathrm{m}^3 \cdot \mathrm{Kg}^{-1} \cdot \mathrm{s}^{-2}$$

from Mohr, Peter J., Newell, David B., Taylor, Barry N. (2015-07-21). "CODATA Recommended Values of the Fundamental Physical Constants: 2014". Reviews of Modern Physics. 88 (3): 035009.

Speed of light:

$$c = 299\ 792\ 458\ \mathrm{m} \cdot \mathrm{s}^{-1} = 2.99\ 792\ 458 \times 10^8\ \mathrm{m} \cdot \mathrm{s}^{-1}$$

idem.

$$1\ \mathrm{AU} = 149\ 597\ 870\ 700\ \mathrm{m} = 1.49\ 597\ 870\ 700 \times 10^{11}\ \mathrm{m}$$

from International Astronomical Union

$$1\ \mathrm{Persec} = 3.085\ 677\ 581 \times 10^{16}\ \mathrm{m}$$