

## Possible Extensions of this Lesson

Possible extensions of “Using Scientific Notation to Express Distances in Space” may be to express the distance to the three nearest stars to our sun in light years and in scientific notation. The term “light year” would be defined (1 light year is equal to  $5.88 \times 10^{12}$ ), and the stars may be listed in a worksheet as follows:

Star	Light Years	Scientific Notation
Proxima Centauri	4.2 LY	_____
Alpha Centauri A	4.3 LY	_____
Alpha Centauri B	4.3 LY	_____