So, What All Is Out There, Anyway?

Before reading this article, print this first page and cut out the 12 cards below. Place them in order, going from the least to the greatest distance, as represented on the card. Guess wherever needed. Then read the article. After you have read it, go back and look at the order you put the cards in. Do you want to change any of them? If so, make whatever changes you need to have the distances stated on the cards increase from shortest to greatest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Distance  from the Earth to the Moon |  | Distance across the Solar System |  | Distance across the Milky Way galaxy |
|  |  |  |  |  |
| Diameter  of the  Sun |  | Diameter  of the  Moon |  | Distance across the visible universe |
|  |  |  |  |  |
| Distance  from the Sun  to the Earth |  | Diameter  of the  Earth |  | Distance across  your home |
|  |  |  |  |  |
| Distance across the Local Group |  | Distance to Proxima Centauri |  | *Make up one of your own* |