**Guided Notes: Introduction to Astronomy Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**September 10th**

**Astronomy is:**

* **\_\_\_\_\_\_\_\_\_\_\_ = everything that exists.**
* **Models of the Solar System:**

|  |  |
| --- | --- |
| ***\_\_\_\_\_-centric***  | ***Helio-\_\_\_\_\_\_\_\_\_\_*** |
| **Earth-centered view of the universe** | **Sun-centered view of the universe** |
| **Coined by: \_\_\_\_\_\_\_\_\_\_\_\_** | **N. Copernicus** (\*\*This is the model we use today!\*\*) |

* **Galaxies are groups of \_\_\_\_\_\_\_\_\_\_\_ stars.**

**Cosmic size predictions:**

|  |  |
| --- | --- |
| **My predictions** | **Actual** |
| **Size (biggest 🡪 largest)** | **Distance from Earth**  | **Size** | **Distance from Earth** |
| **1.** | **1.** | **1.** | **1.** |
| **2.** | **2.** | **2.** | **2.** |
| **3.** | **3.** | **3.** | **3.** |
| **4.** | **4.** | **4.** | **4.** |
| **5.** | **5.** | **5.** | **5.** |
| **6.** | **6.** | **6.** | **6.** |
| **7.** | **7.** | **7.** | **7.** |

**My notes:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**My drawings:**

**Cosmic Size (large 🡪 small)**