



# modeling the universe

## Tour of the Invisible Universe

For each object, check one: (Nearby=Solar System); (Far=in Milky Way Galaxy); (Really Far=outside Milky Way Galaxy)

| Object                                     | Nearby | Far | Really Far | Notes/Questions |
|--|--------|-----|------------|-----------------|
| 1. Moon<br>Distance:                       |        |     |            |                 |
| 2. Sun<br>Distance:                        |        |     |            |                 |
| 3. Jupiter<br>Distance:                    |        |     |            |                 |
| 4. Great Nebula in Orion<br>Distance:      |        |     |            |                 |
| 5. Cat's Eye Nebula<br>Distance:           |        |     |            |                 |
| 6. Crab Nebula<br>Distance:                |        |     |            |                 |
| 7. Globular Cluster (M15)<br>Distance:     |        |     |            |                 |
| 8. Supernova 1987A<br>Distance:            |        |     |            |                 |
| 9. Galaxy M51<br>Distance:                 |        |     |            |                 |
| 10. Black Hole<br>Distance:                |        |     |            |                 |
| 11. Gamma-ray Burst<br>991216<br>Distance: |        |     |            |                 |
| 12. The Early Universe<br>Distance:        |        |     |            |                 |

