



#35 - Star Clusters

1. When two stars are orbiting one another it's called _____
2. Astronomers think that most stars are born in groups, called _____
3. Loosely bound collections of stars, usually in an irregular shape, are called _____
4. Who was the first to record that clusters were composed of many stars? _____
5. In an open cluster, the stars all orbit the cluster's _____
6. What is the typical diameter of an open cluster? _____
7. What is the typical distance between stars in an open cluster? _____
8. Very few open clusters are older than roughly 50 million years because they _____
9. Over time which stars are "flicked out" of an open cluster? _____
10. Approximately how many open clusters have been observed? _____
11. Which famous open cluster is located about 500 light years from Earth? _____
12. The Pleiades appear as a collection of stars, and a lot of people call them _____
13. Clusters of stars forming a roughly spherical shape are called _____
14. How old are most globular clusters? _____
15. What kind of elements are found in the old stars found in globular clusters? _____
16. The normal stars that are left in a globular cluster are mostly _____