



## #21 - Comets

1. On the Bayeux Tapestry, depicting the Norman invasion, which comet is shown? \_\_\_\_\_
2. Which king, in 1066, considered the sighting of a comet as a good omen? \_\_\_\_\_
3. Unlike asteroids, which are mostly rock, comets are a more balanced mixture of \_\_\_\_\_
4. Comets, being composed of frozen gases, rocks, gravel, and dust, are often called \_\_\_\_\_
5. As comets progress through their elliptical orbits, they are heated mostly by \_\_\_\_\_
6. The process of ice turning directly into a gas is called \_\_\_\_\_
7. In the past, because comets look fuzzy, they've been called \_\_\_\_\_
8. The solid part of a comet is called the \_\_\_\_\_
9. What is the gaseous cloud around a comet called? \_\_\_\_\_
10. When gas molecules emitted by a comet lose electrons, they are said to be \_\_\_\_\_
11. The "ion tail", produced by the solar wind acting on ionized gas, points \_\_\_\_\_
12. Which comet appeared incredibly bright and gorgeous in 1997? \_\_\_\_\_
13. The dust stream from a comet points \_\_\_\_\_
14. Short-period comets are defined as comets with an orbital period less than \_\_\_\_\_
15. Which word best describes the surface of comets? \_\_\_\_\_
16. Which European mission studied a comet that looked like a "rubber ducky"? \_\_\_\_\_