

Name _____



Stars and Constellations Facts and Myths

Directions: Read each statement below. Decide if it is a **FACT** (scientifically true) or a **MYTH** (false belief or story). Write **F** for Fact or **M** for Myth in the blank.

1. ____ Stars twinkle because Earth's atmosphere bends their light.
2. ____ All stars are the same size and brightness.
3. ____ Orion's Belt is made up of three stars that appear in a straight line.
4. ____ Constellations look the same from anywhere in the universe.
5. ____ Polaris, the North Star, always points toward north.
6. ____ Stars are made mostly of hydrogen and helium.
7. ____ The Pleiades cluster is also called the "Seven Sisters."
8. ____ Every star you see belongs to the Milky Way galaxy.
9. ____ People in different cultures created their own myths and names for the same star patterns.
10. ____ When a star dies, it always becomes a black hole.

Challenge Question: Why do you think myths about stars were so important to ancient people? Write 2-3 sentences.
