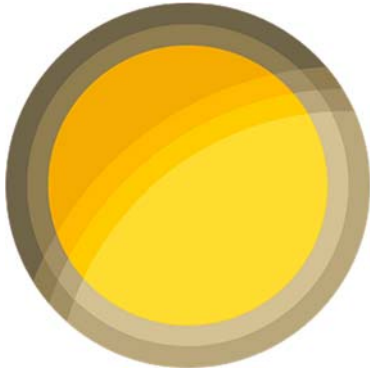


Name _____

The Sun's Secret Layers



The Sun is like a giant onion, with many hidden layers. Each layer has its own role in making the Sun shine and keeping our solar system alive. Below are “riddle clues” for each layer. Your job is to match the description to the correct Sun layer: **Core, Radiative Zone, Convective Zone, Photosphere, Chromosphere, or Corona.**

Read each riddle carefully. Write the name of the correct Sun layer that matches the description.

1. **I am the heart of the Sun, where nuclear fusion begins, making energy that travels outward. Without me, the Sun would be dark. Who am I?**

2. **I am a thick region where light moves slowly, bouncing around like a traveler lost in a maze for thousands of years. Who am I?**

3. **I am a turbulent zone where hot gases rise and cooler gases sink, creating rolling currents like boiling soup. Who am I?**

4. **I am the glowing “surface” you see with your eyes from Earth, though I am not solid at all. Who am I?**

5. **I am a thin, reddish layer that flashes into view during a solar eclipse, glowing just above the surface. Who am I?**

6. **I am the Sun’s outermost layer, spreading millions of miles into space, with temperatures hotter than the surface. Who am I?**
