

Name _____ Date _____

Part I. Interpret Diagrams

1. Which diagram shows a cycle (Diagram A, B, or C)? _____
2. What is the purpose of Diagram C? _____

3. During which step in the water cycle does water move from an ocean to a cloud?

4. Which part of the human eye focuses light on the retina? _____
5. How many cubic centimeters (cc) would one liter of water take up? _____
6. What would be a good title for Diagram B? _____

Part II. Create a Diagram

Directions: At the bottom of this page, create a diagram to explain the science information below. Include labels and symbols as needed. Be sure to give your diagram a title.

The Sun is huge, but many kinds of stars are even bigger, and some are smaller. For example, **giants** are much bigger than our Sun. But **super giants** are even bigger than giants. Meanwhile, a **dwarf** is smaller than a **main sequence star**, such as our Sun.

Interpret and Create Diagrams Answer Sheet

Part I. Interpret Diagrams

1. *Diagram A (shows the water cycle)*
2. *Diagram C explains how to measure volume in the metric system.*
3. *evaporation*
4. *the lens*
5. *1,000 cubic centimeters (cc)*
6. *Answers will vary. Example: Parts of the Human Eye*

Part II. Create a Diagram

Student diagrams will vary but should include the following star types, displayed in this order, from largest to smallest: super giant, giant, main sequence, and dwarf. Each star type should be labeled appropriately, and the diagram should contain a title, such as Types of Stars or Star Sizes. Below is a sample.

