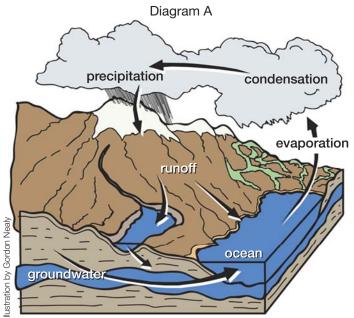


# **Interpret and Create Diagrams**

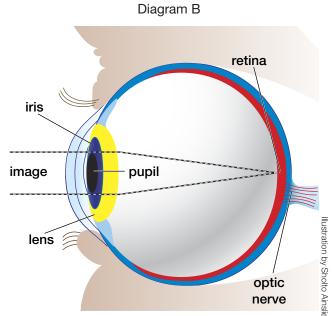
Name		Date	
Key Vocabulary			
diagram	label	symbol	title

### Part I. Interpret Diagrams

**Directions:** Study the diagrams and captions on this page. Then answer the questions on page 2.

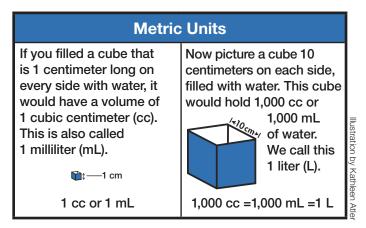


Water evaporates into the air, forms clouds, and precipitates down. On the ground, water flows downhill until it meets the ocean.



The lens of the eye focuses light on the retina, which sends a signal to the brain.

Diagram C



N	ameDate			
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?			

Science Skills — Interpret and Create Diagrams

#### Part II. Create a Diagram

**WORKSHEET** 

**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.

**Types of Stars** 

