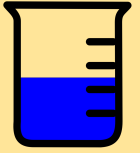


Name: _____ Section: _____



SCIENCE HOMEWORK



SECTIONS 2A, 2B, 2C, 2D, 2E

WEEK OF: September 15-19, 2025

HOMEWORK

- Complete "Observation vs. Inference" worksheet.

TOPIC 1a

The Practice of Science

-Observations vs. Inferences

Vocabulary

- Observation
- Inference

Contact me

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REMINDERS

- Homework due Monday 9/22
- TEST Tuesday 9/16
- No School 9/23
- No School 10/02
- iPads FULLY CHARGED

Name _____

Observation vs. Inference

Scientists use their 5 senses to collect information about the natural world.

Observation

Some observations are measured. For example, the puppy weighs 12 pounds. Other observations can only be described. A scientist may record that the puppy is light grey with brown eyes.

Inference

An inference is a conclusion based on an observation. Scientists predict what is happening, what happened, or what has happened based on what they know. For example, a scientist may predict that a puppy is hungry because he is growling.

Directions: Examine the picture on the right. If you think the statement is an observation, mark O. If you think the statement is an inference, mark I.



1. ___ A person is carrying sticks.
2. ___ A stick is holding the bucket of water over the fire.
3. ___ He is boiling water for dinner.
4. ___ The men are stuck on a mountain.
5. ___ The tree does not have leaves on it.
6. ___ It is cold.
7. ___ The men are in Vermont.
8. ___ The men were skiing.
9. ___ The men are hungry.
10. ___ The men have backpacks with them.