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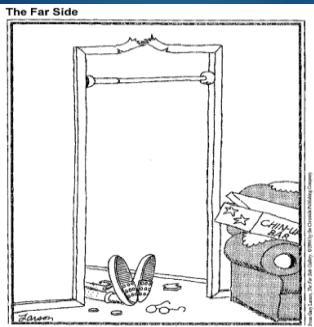
Observations and Inferences

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Step 1

- ▶ Write a detailed account of what happened in the cartoon

3



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Definitions

- ▶ *Observation*—the act of seeing an object or an event and noting physical characteristics or points in the event. Observation is an extension of our senses; when we observe, we record what is seen, smelled, tasted, heard, and touched
- ▶ *Inferences*—conclusions based on observations. Inferences go beyond what we can directly sense

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Step 2

- ▶ Reread the account you wrote. Underline once all observations and underline twice all inferences

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Definitions

- ▶ *Qualitative observations* describe an object's characteristics, properties, or attributes. The apple is red.
- ▶ *Quantitative observations* involve a quantity or amount. The apple has a mass of 125 grams.

Step 3

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- ▶ Reread the account you wrote. Mark qualitative observations with the abbreviation for adjective (adj) and quantitative observations with the pound sign (#)

O for observation
I for inference

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1. The time of day in the cartoon is unknown
2. The person is wearing socks and shoes
3. The person pictured is a man
4. The chin-up bar is set too high
5. The chin-up bar arrived in one package
6. The person is lying on their back

O for observation
I for inference

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7. The person pictured has less than 20/20 eyesight
8. The person has sustained an injury
9. The person is a teenager
10. The frame of the glasses is bent
11. This was the first time the individual used a chin-up bar

Write one of your own observations
and one inference

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Step 4

11

- ▶ Create three different inferences to explain why the person is lying on the ground. For each inference, provide one piece of supporting evidence.

Step 4

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- ▶ Indicate which inference is the most plausible by marking a star next to it. What additional evidence exists in the cartoon to support this inference?