Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade \_\_\_\_

**Ice Observation**

**Background Information**: Observation is the most important skill of a scientist. It is

the skill of describing scientific events. Observations can be made with all 5 senses;

but **safety** must be taken into consideration. It is not always safe to use every sense

when making observations.

**Procedure**:

1. Observe the two beakers at the front of the room.

2. Draw what you see.

3. Continue observing the beakers and record your observations in bullet form.

**Data**:

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Fact, Opinion, Inference

**Background Information**: A fact is something that is true for everyone (M&Ms are

chocolate candy). An opinion is based on personal belief or preference; it may not be

true for everyone (M&Ms are good). An inference is an assumption or conclusion

based on an observation. It is a logical interpretation based on observations and prior

knowledge. (Small, round colored candies are chocolate on the inside.)

Look at the observations you made about the beakers and ice. Classify each

observation as a fact, an opinion, or an inference.

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| Fact | Opinion | Inference |
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