

Anti-Freeze Worksheet

Before the experiment

Scientists form a *hypothesis* or opinion about how an experiment will turn out before they perform it. When the experiment is over, they compare the results with what they thought would happen. If the hypothesis and the results do not match, scientists can then study why the results were different.

Form a hypothesis about the effect of anti-freeze:

Do you think there will be a difference between the two cups when they are removed from the freezer?

If yes, what will the difference be?

Why is this your hypothesis?

After the Experiment

What are your observations of the cups of water?

Was your hypothesis correct?