Name_____   Date_____

PREDICT THE RESULT! What is going to happen?

At 8:35 a.m. today, take 2 ice cubes out of the freezer.
Put 1 into a bowl in the sunlight.
Put the other ice cube into a bowl in the refrigerator.
We will leave them there until 11:45 today.

What do you predict will happen?

1. The ice cube in the sunlight will:

turn into a LIQUID.

stay a SOLID ice cube.

still be partly SOLID and partly LIQUID.

2. WHY do you think this will happen?

It will happen because it isn't warm enough to change all the way into a liquid yet. Not enough heat has been added for it to fully melt.

It will happen because the sunlight is warm. Heat has been added to the ice cube.

It will stay frozen because putting an ice cube in sunlight takes heat away.

3. In these three hours, the ice cube in the refrigerator will:

turn into a LIQUID.

stay a SOLID ice cube.

still be partly SOLID and partly LIQUID.

4. Why do you think this will happen?

It will happen because the ice cube still needs more time to melt to turn into a LIQUID. The refrigerator isn't warm enough for it to melt quickly.

It will happen because heat was added to the SOLID ice cube.

It will happen because the refrigerator is cold enough to keep the ice cube SOLID.