



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.