

## HOME/SCHOOL CONNECTION

### Solids and Liquids with Water

**What happens when solids are placed in water?**

Directions:

1. Make a mixture of solids and put them into a container or zip bag. (*Some possible solids to use include: dry beans, sugar, flour, paper clips, newspaper, candy and rocks.*)
2. Set aside a sample of each solid to remember what it looked like before making your mixture.
3. Add water to your mixture.
4. Record any changes you notice right after adding water and a day or two later. Use the table below to collect your data. (*Hint: Did the solid get soft, darker, disappear, fall to pieces, get bigger or not change?*)

Name of Solid	Drawing of Dry Solid	Immediate Changes	Changes After One Day	Drawing of Solid After One Day

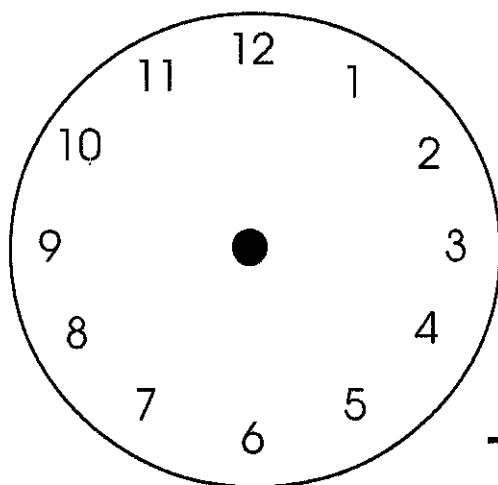
**\*\*On the back of this page, do an experiment to find out how long it takes to melt ice.\*\***

Name \_\_\_\_\_ Date \_\_\_\_\_

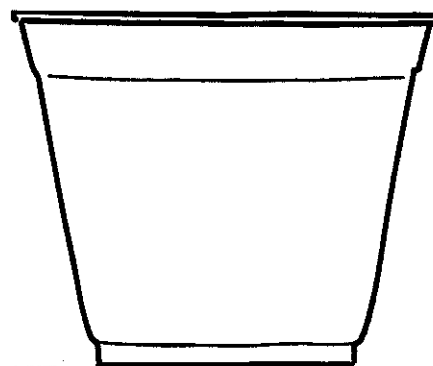
## MATH EXTENSION A

### INVESTIGATION 4: SOLIDS AND LIQUIDS WITH WATER

1. What time is it when you start?

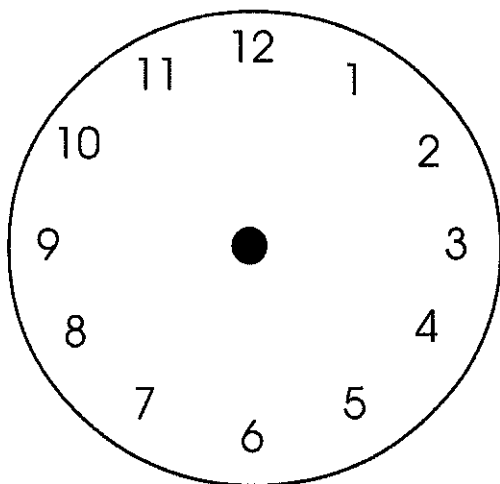


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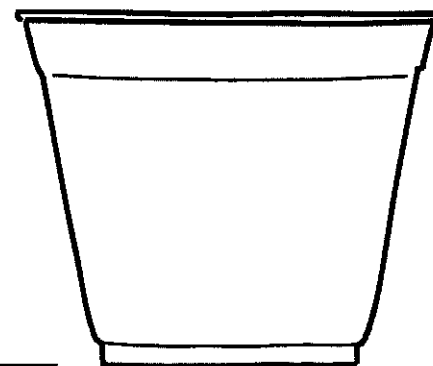


This is the ice before it melts.

2. What time is it when the ice is melted?



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This is the ice after it melted.

3. How long did the ice take to melt?

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