

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

**(Edited version for public review)**

## **Unit 1 Test**

1. Sketch diagrams that show how water will react to wax paper. What properties of water does this show? Not show?
2. Sketch a drop of food coloring entering room temperature water. Add a close-up sketch of the water/color molecules and describe what is happening.
3. Sketch and explain how water uses capillary action to be absorbed by a paper towel.
4. A tea bag is placed in a cup of boiling water. Describe the energy transfer between the tea bag and the water.
5. You are enjoying a glass of icy lemonade on a hot day. You notice ...

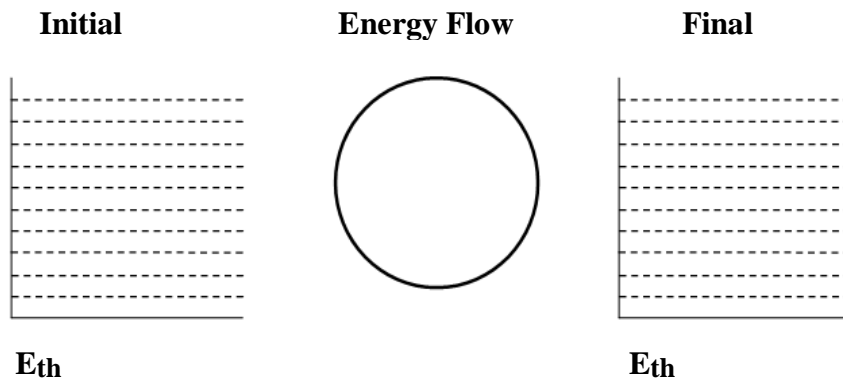
**(Additional materials available in members' resources)**

6. Explain the difference b..

(Additional materials available in members' resources)

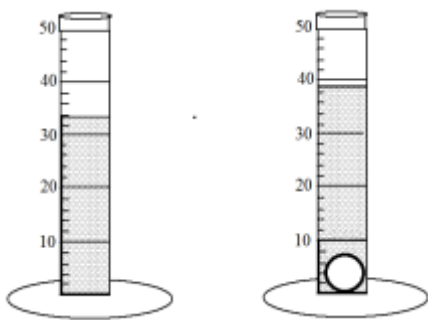
7. Use an energy bar chart to represent what ...

(Additional materials available in members' resources)



8. The diagram shows the displacement of water when a ...

(Additional materials available in members' resources)



9. Is the mass of the steel marble and the glass ..

(Additional materials available in members' resources)

10. Your teacher has given you...

(Additional materials available in members' resources)