

NAME _____

**4th Grade
SCIENCE INQUIRY**

1. Which is a good example of a testable question when investigating bubbles?
- A. How are bubbles made?
 - B. Will the size of the bottle change the size of the bubble?
 - C. What can bubbles be used for?
 - D. Why do you need soap?

2. What would be an appropriate tool to measure the diameter of a bubble?
- A. Meter stick
 - B. Compass
 - C. Ruler
 - D. Balance scale

3. What conclusions could be made by looking at the data on this chart?

Size of bottle	Size of bubble in inches
8 oz	1
16 oz	2
32 oz	4
2 liter	8

- A. A liter bottle is smaller than 32 ozs.
 - B. The size of the bottle has no impact on bubble size
 - C. The bubbles are about the same size
 - D. The bigger the bottle, the bigger the bubble.
4. What scientific fact is demonstrated in the bubble investigation?
- A. Air does not move.
 - B. Warm air rises.
 - C. Cold air rises
 - D. Cold air creates bubbles