

# ACME SCIENCE PRODUCTS

- **NEW AND IMPROVED "ACME SALT"**—100% sodium. Because it is found in nature, it is 100% pure.
- **NEW!** Experimental electrical wire made entirely of sulfur. Get yours while supplies last.
- **ELIMINATE WATER BILLS** by using the new "Acme Thirst Buster 2" water system. With an electric spark, it combines oxygen and hydrogen to create your own water supply at home.
- The Acme **"EVERLAST LIGHT BULB"** will burn twice as long as other bulbs because it is filled with oxygen.
- Acme has discovered **A BRAND NEW ELEMENT**. Find out more on our home page!



## *Believe It or Not*

While searching the Internet for new science products, you come across a bulletin board advertising the following items. Use your knowledge of the periodic table of elements to review the following advertisement for accuracy, place your answers on the back of this paper if you need more room.

### *New and improved "Acme*

#### *Salt"*

1. What is wrong with the Acme salt ad? \_\_\_\_\_  
\_\_\_\_\_

#### *New! Experimental electrical wire.*

2. Would buying sulfur electrical wire be a wise choice? Explain.  
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\_\_\_\_\_

#### *Eliminate water bills*

3. Do you think that using electricity to combine oxygen and hydrogen in your home could cause a problem? Explain.  
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\_\_\_\_\_

#### *Everlast Light Bulb*

4. Would the Acme "Everlast Light Bulb" last longer than an ordinary bulb? Explain.  
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#### *A Brand New Element!*

5. Acme claims to have discovered a new element. How can you determine if this claim is true?  
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6. How would you go about classifying this new element?  
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