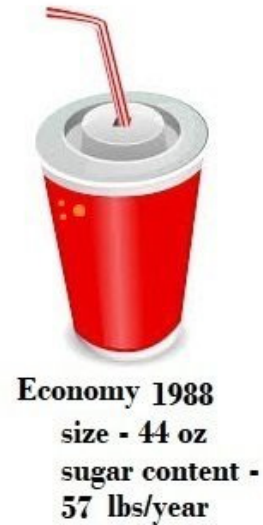
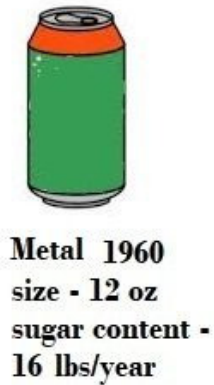


QUESTION CHALLENGE

Observe the diagram below. Then answer the questions.



Questions

1. QUESTION

Each container has a year when it was first produced. Which year was the size of the container the most?

Answer = _____

2. QUESTION

Each container has a year when it was first produced. Which year was the size of the container the least?

Answer = _____

NAME _____

DATE _____

3. QUESTION

What can you say about the size of the container?

- It was decreasing in size each year.
- It was increasing in size each year.
- It looks better each year.
- Excluding 1992, it was increasing in size.

4. QUESTION

Which container has the most amount of sugar content?

- 6.5 oz soda
- 21 oz soda
- 20 oz. soda
- 10 oz soda
- 44 oz. soda

5. QUESTION

Which container has the least amount of sugar content?

- 6.5 oz soda
- 12 soda
- 20 oz soda
- 10 oz soda
- 44 soda

6. QUESTION

Betsy consumed a (1960) 12 oz can of soda every day. How much soda did she drink for a year?

Answer = _____ oz of soda

NAME _____

DATE _____

7. QUESTION

The sugar content in the sodas refers to the amount of sugar a person would consume if the person has one such soda every day for a year. Knowing this, how much sugar content would I consume if I consumed 585 ounces of classic soda?

Answer = _____

8. QUESTION

Calton had a 6.5 oz classic soda every day. Jason had the family 20 oz size soda every day. Prove that a 20 oz soda is sweeter.

Answer = _____

9. QUESTION

Select True or False for the statement below.

If I bought two 10-oz sodas in 1915, it would have the same amount of sugar content as the 20-oz soda in 1992.

true

false

EXPLAIN:

NAME _____

DATE _____

10. QUESTION**17 point(s)**

Linda is buying sodas for a family of five this week. Complete the table below and determine which buy is the best buy.

Name	Price each	Amount of soda	Total Price	Total ounces	Price per ounce
Classic	\$2.00	5	\$ <input type="text"/>	<input type="text"/> oz	\$ <input type="text"/>
New	\$2.50	3	\$ <input type="text"/>	<input type="text"/> oz	\$ <input type="text"/>
Metal	\$4.00	5	\$ <input type="text"/>	<input type="text"/> oz	\$ <input type="text"/>
Economy	\$4.50	2	\$ <input type="text"/>	<input type="text"/> oz	\$ <input type="text"/>
Family	\$9.00	1	\$ <input type="text"/>	<input type="text"/> oz	\$ <input type="text"/>

The best buy is the _____ size at \$ _____ per oz.