

New Weight for Silver Not to Affect Dimes

Washington - (Science Service) - An atom of silver weighs less than previously thought, but this new finding of the National Bureau of Standards here will not affect the silver dimes in your pockets. A dime will still be worth ten cents. The new atomic weight of silver was set at 107.873 through accurate measurements with a mass spectrometer. The atomic weight currently used is 107.880.

A pound of silver will still be a pound of silver, to the layman, but, to the chemist, a pound of silver will contain, theoretically, at least - more atoms than it formerly did.

May Adjust Others
The more precise atomic weight of silver may mean that the atomic weights of other elements may have to be adjusted. Silver has been used to set the atomic weights of certain other elements.

What makes the new measurement significant is the fact that the mass spectrometer was calibrated to extraordinary accuracy through use of known mixtures of the two highly purified silver isotopes.

The new atomic weight of silver was obtained by ionizing a sample of silver and shooting these ions through a magnetic field.

Deflected More Quickly
Silver occurs as two natural isotopes having relative weights of 107 and 109. Ions of the lighter isotope, 107, are deflected more quickly by the magnetic field of the mass spectrometer than those of the heavier isotope, 109. This enabled scientists to separate into groups and collect the 107 and 109 ions. By doing this and measuring the relative abundance of each, the new figure 107.873 was arrived at which represents the atomic weight of silver.

The research was carried out by Dr. V. H. Dibeler, W. R. Shields and Dr. D. N. Craig of the Bureau.

Mouth Cancer Easily Detected

Brooklyn, N. Y. - (Science Service) - Mouth cancer, which accounts for five per cent of all cancers, can now be detected and diagnosed in its early stages by a simple and painless test.

Dentists of the Veterans Administration Hospital here recently completed a three-year trial in which the test proved to be highly efficient. The technique involves taking a smear or scraping from the mouth for microscopic examination. Dr. Henry C. Sandler, the hospital's chief of dental service, said:

The older test method is biopsy, or removal and laboratory examination of a small piece of tissue. The newer scraping method is just as accurate in testing for cancer, and often reveals the presence of cancer cells when the first biopsy does not.

Dentists can use the smear technique on a wide-scale basis to check on harmless appearing lesions of the mouth and for patients who object to biopsy. However, if cancer is indicated, the doctor may make several biopsies to confirm the diagnosis.

A cooperative study to determine the extent of the technique's usefulness has been begun by dentists at 12 VA stations.

Camp Fire Girls

Take Hike
Members of the Wa-ke-ku-Wa Camp Fire group went on a hike to the top of John's Peak March 14. As soon as they got to the top they ate their lunch. While they were at the top they looked at the beautiful view and went exploring around the area. As they were hiking back down, they stopped several times and saw many things of interest.

Members of the group that took the hike were Rosalee Smith, Shannyn Talley, Cheryl Cavin, Linda Dalbec, Terry Davis, Linda Dykes, Terry Fletcher, Vicki Hull, Donna Jahnke, Judy Pershall, Kevin Rainey, Karen Brooks, Hellen Norris. The leader, Mrs. Charles Fletcher, assistant leader, Mrs. Ray Smith, and sponsor Mrs. Leonard Dalbec, also went on the hike.
Donna Jahnke, Scribe

ANCIENT TREES CAN CONTAINERS
Toledo - Conventional tin cans are made of 98 per cent sheet steel for strength and about two per cent of tin to keep the steel from rusting under moisture.



Boulevard Special!



Jell-Well Gelatins

Special savings on these famous gelatin desserts. 10 popular flavors to liven your meal.

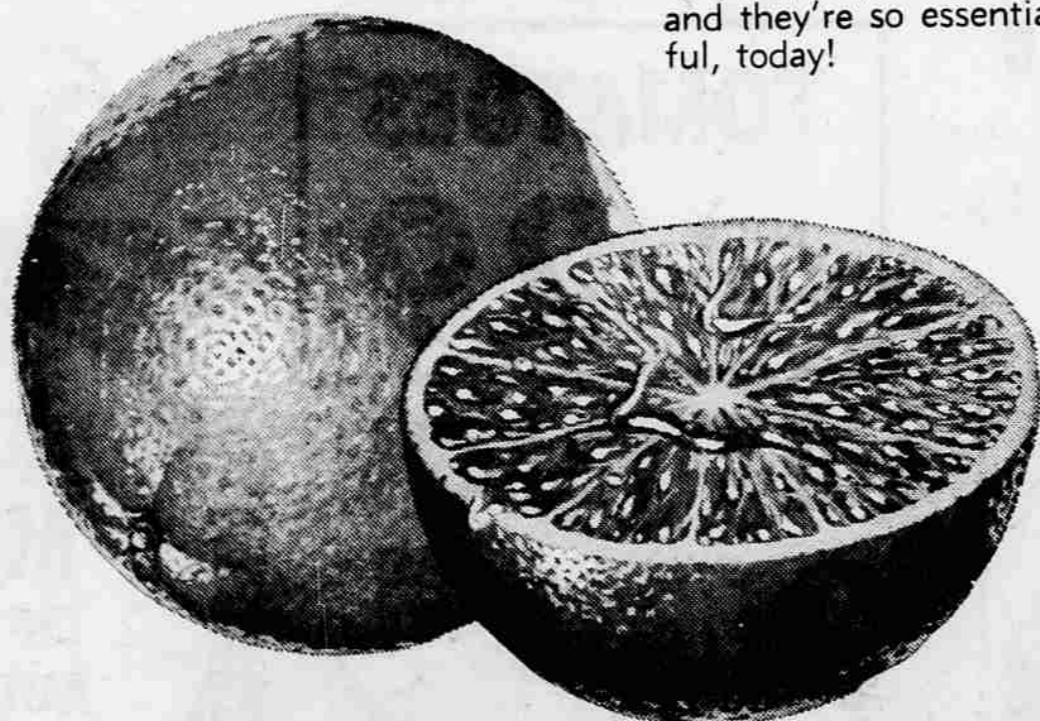
6 3-oz. pkgs. 39¢

Great Northern Beans	Town House	2-lb. bag	35¢	4-lb. bag	69¢
Elbow Spaghetti	SUNRISE brand	4-lb. pkg.	59¢		
Macaroni Dinner	KRAFT. Economical and easy to prepare	1-pkg.	19¢		
Show Boat Rice	Pearl variety Casserole perfect	2-lb. pkg.	35¢		
Macaroni and Cheese	Swanson's frozen TV Dinner	3 13 1/4-oz. pkg.	\$1.00		
Prem Luncheon Meat	Just heat and serve	12-oz. can	49¢		
Snow Star Ice Cream	Vanilla, chocolate Neapolitan and Strawberry	1/2 gal.	65¢		
Party Pride Ice Cream	Rich, creamy, smooth texture	1/2 gal. ctn.	69¢		

Gigantic Trainload Sale of Finest SUNKIST

Navel Oranges

Easy-to-peel; no seeds; very sweet and juicy. Here's a great buy... and they're so essential to vitality and good health. Get a BIG bagful, today!



Medium Size lb. 12 1/2 ¢

38-lb. ctn. \$4.59 14-lb. Flat \$1.69

Large Size 36-lb. ctn. \$4.98 15¢ lb
Oranges 18-lb. ctn. \$2.59

Try These "New Arrivals" at Safeway

Fresh Orange Juice	Lucerne No mixing	qt.	49¢
Strawberries	Scotch Treat frozen sliced	5 10-oz. pkgs.	\$1.00
French Fries	Bel-air frozen "Crinkle cut"	5 9-oz. pkgs.	\$1.00
Horseradish	Nalley's Bright flavor	8-oz. jar 35¢ 16-oz. jar 49¢	

Prices in this advertisement are effective through Sunday, March 20, at Safeway in Medford. We reserve the right to limit.

LOOK AT THESE

Boulevards

Miracle Whip

Regular 59¢. Save 10¢ on this favorite salad dressing.

Qt. 49¢

Salad Dressing

NU MADE. You can pay more but you can't buy finer.

Qt. 39¢

Peanut Butter

LUNCH BOX. Creamy or chunk styles. Kids really love it!

18-oz. jar 49¢

Chunk Tuna

SEA TRADER, all light meat. BIG "Family-size"

3 No. 3/4 cans \$1



FOLGERS EDWARDS NOB HILL AIRWAY

Vacuum packed; Regular or Drip

Rich, robust flavor Why pay more?

Aromatic flavor. You grind it fresh

Mild and mellow for the heavy coffee drinker

2-lb. can	\$1.29	1-lb. can	65¢
2-lb. can	\$1.25	1-lb. can	63¢
2-lb. bag	\$1.21	1-lb. bag	61¢
3-lb. bag	\$1.75	1-lb. bag	59¢

Fresh Cauliflower

Snowy white compact heads. Mild flavor. Serve it cooked, for salads, or "dips".

lb. 19¢

Red Grapefruit

Texas "Ruby Reds". Medium size, tartly sweet, and loaded with juice.

5 for 49¢

Winesap Apples

Extra-fancy, large size, all-purpose apples. Perfect for TV nibbling

2 lbs. 29¢

U.S. No. 2 Potatoes

Oregon Russets. A grand economical value.

25 lb. bag 98¢



SAFEWAY