

Teacher Puts Fun In Math With Plane And Fancy Text

ALAMEDA, Calif. (UPI)—Many students of the old school will disagree with a new textbook just by looking at the title—Geometry Can Be Fun.

But fun or not, few people would want to argue the question with the author, Louis Grant Brandes, vice president at Encinal High School in Alameda. Brandes stands six-three, weighs 246 pounds.

The book, published by J. Weston Welch of Portland, Me., supplements classroom work in mathematics from the seventh through 12th grades. It can be used either as a teacher's guide or as a classroom exercise volume.

It covers more than just plain (or plane) geometry, going into

arithmetic, algebra and logic.

Brandes, 41, collected material for the book from teachers and students all over the nation. Many instructors have contributed favorite trick problems or riddles on mathematical subjects.

Some of the problems are old-timers, such as how much dirt there is in a hole of certain dimensions (none, of course). Some are geometric constructions. And most are far from the conventional geometry problems.

Here's one that won't be found in any other geometry book —

"A hunter starts from his camp, goes due south for one mile, then turns and goes due east for one mile. At this point he shoots a bear. He returns to his camp by walking one mile north. What color was the bear?"

The answer—"Since the incident could take place only at the North Pole, the bear must be white."

PURR-FECT PAIR

NEW YORK (UPI)—Cheese and apple cake go together like cheese and apple pie.

Sift 2 cups flour with 2 teaspoons baking powder and 1 teaspoon salt. Add $\frac{1}{4}$ cup milk, 2 beaten eggs, and $\frac{1}{4}$ cup melted butter and mix until just blended. Spread over bottom of greased 11-by-7-by-2-inch baking pan.

Top with 4 medium apples that have been pared, cored, sliced and mixed with 1 cup sugar, 1 teaspoon cinnamon and $\frac{1}{4}$ cup (about 1½ ounces) crumbled blue cheese. Bake in 375-degree oven 45 minutes or until cake tests done. Serve warm or cold with cream.

By CLYDE H. FARNSWORTH
United Press International

NEW YORK (UPI)—A new line of points is said to stop flames from spreading and insulate building interiors against the effects of spreading heat.

The Alim Corporation of New York and the Baltimore Paint and Chemical Corporation claim their new "Saf" paints have been rated by Underwriters Laboratories two to four times more effective than other fire-retardant coatings.

They say that when flames reach the paint it puffs up to form a coating resembling cellular plastic or foam rubber. The coating, acting as both a fire barrier and insulator, will withstand 1,700 degree (F) flames for up to one hour, they assert.

A nylon auto tow cable, small enough to fit in the glove compartment but said to be stronger than most metal tow chains, has hit the market. Made of one-inch-wide nylon webbing, the 10-foot-long "Bulldog Tow Cable" weighs only two pounds, yet has a test strength of 5,000 pounds, according to its maker, the Market Forge Company, Everett, Massachusetts.

A 12-pound portable dictating machine, claimed to be the easiest to use of any on the market, has been introduced by the McGraw-Edition Company's Viocewriter Division of West Orange, New Jersey. The instrument contains seven transistors which eliminate heat, prolong the life of its electronic parts and enable the operator to dictate immediately without waiting for the usual warm-up period.

Now you can make your own carport from a do-it-yourself kit introduced by the Hunter Douglas Division of the Bridgeport Brass Company, New York. Principal feature of the "H-D Multi-Port" are six-foot-wide interlocking aluminum panels which slide together to form a weathertight roof. The trim 10 by 20-foot shelter comes with supports for a free-standing installation or can be attached easily to an existing structure.

For minimizing fairway fatigue comes an elastic golfer's support sock which gives strong support to leg muscles while gripping the arch and ankle. The "Hole-In-One" sock is made of 70 per cent processed wool and 30 per cent stretch

nylon, according to the manufacturer, the Burlington Hosiery Company, New York.

A color-slide projector, powered for automatic forward, reverse or up-and-down operation, has been introduced by Argus Cameras of New York. Known as the "President," the projector will accommodate standard types of mounted slides. A timer permits automatic operation through a 36-slide show. Remote control operation also is possible at distances up to 15 feet from the projector.

A thermoelectric refrigerator, which operates with no moving parts, has been designed for homes of tomorrow. It draws its cold directly from electricity, is styled like furniture with French doors and cabinet drawers, stands on legs, and has a 3-cubic foot capacity. The top is a usable work surface. (Westinghouse.)

In the future, housewives will be able to wash dishes in an ultrasonic dishwasher that does the job with sound waves. The waves, invisible to the eye, attack and remove foreign particles attached to metal and ceramic items. (Westinghouse.)

A dessert topping mix in powder form is reconstituted with $\frac{1}{2}$ cup cold milk to make 2 full cups of creamy topping. It contains only 17 calories per tablespoon and is recommended as topping for hot and cold drinks, desserts, and as an ingredient for Bavarian pies, refrigerator desserts and salad dressings. It will store well in the refrigerator for three days after mixing and, before mixing, keeps well on the food shelf without refrigeration. (Dream Whip.)

Hot ketchup, spicier than standard varieties, now comes as a condiment or ingredient in dips for shrimp, cheese, meatballs and other snacks. (Heinz.)

A new corrugated box can be assembled and sealed by pressing pre-coated flaps together. A strong cohesive bond is formed when matching strips of the coating, called "Stik-Kwik," are pressed together, eliminating the need for stitching, gluing or taping. The boxes can be stored flat until needed. (Stone Container Corp., 4200 W. 42nd Place, Chicago 32, Ill.)

NEW PRODUCTS

Daydreaming Blamed For Auto Wrecks

SAN FRANCISCO — (UPI) — Woolgathering at the wheel is the prime cause of traffic accidents, according to the West Coast's top-ranking sports car racer.

This lack of concentration, says 28-year-old Richie Ginther of Los Angeles, has become an increasing problem as American car manufacturers take more and more of the work out of driving.

"It's easy to start thinking about something else when your car has automatic transmission, power brakes and power steering," he said. "Some new cars even have a device to set the accelerator at certain speeds for highway driving."

Ginther has collected some 200 major road racing trophies since he began driving at the age of 20.

Ginther said he believed he was a better every-day driver for his experience guiding sleek, powerful racers over winding roads in competition.

"You learn to concentrate when there's a chance you will burst out of a curve at 100 miles an hour to find an opponent spinning wildly in front of you," he said.

He admitted, though, that there were times when he had driven home from work over a familiar route only to realize when he got there that he could remember few if any details of the trip.

"That's when I start worrying about concentrating," he said.

Ginther offers a couple of tips to drivers who are confronted with one of the most common crises resulting from mind-wandering — the impending rear-end collision with a car that has stopped suddenly.

Too often, he said, a driver in this situation slams on the brakes as hard as he can and lets his car skid helplessly into the rear of the one ahead.

"The idea is to put the brakes on firmly, but not so hard that the wheels lock and the car goes into a skid," he said.

"Also, he should try to take evasive action. For some reason most drivers never think of going off the road to avoid the car ahead."

Ginther is a firm believer in the theory that speed doesn't cause as many accidents on today's super highways as does not-enough speed.

"Police should give more tickets to the slow-poke who forces drivers to make themselves vulnerable by changing lanes to get past him," he said.

Babe Ruth Still Tops

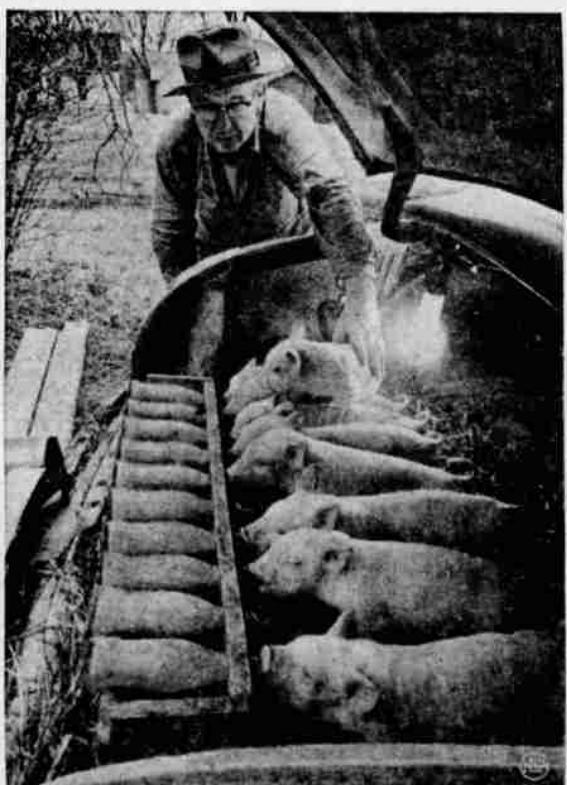
BOSTON (UPI)—New proof — if any were needed — that Babe Ruth was the greatest home run hitter of all time has been unearthed here by a man whose hobby is baseball statistics.

"In 1920, when Ruth hit 54 home runs, he was at bat only 450 times," says Harold Parechan. "That means he hit a home run every 8.48 times he went to bat. That is the best percentage ever posted by a slugger who hit 40 or more home runs."

Parechan says Ruth also has the second and third best records in that respect. In 1927, when he hit his record 60 home runs, he was at bat 540 times, averaging a home run every nine times at the plate. In 1921, when he hit 59 home runs, he again was at bat 540 times and averaged a home run every 9.15 times.

Among today's sluggers, says Parechan, Mickey Mantle has the best record—10.25 in 1956 when he hit 52 home runs.

Nickel plating is used principally to protect other metals from corrosion.



ROAD HOGS—Nine little porkers make happy pigs of themselves at a reasonable facsimile of a mother in Nashville, Tenn. One fellow is helped by Fred Scott, who bedded them down in the trunk of an old auto after they were orphaned.

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