

Anaesthetic Twice as Strong as Any Other Discoverd.

A new anaesthetic, twice as powerful as ethylene, sure in its action and swift in permitting recovery, since full consciousness returns within a minute after the flow of gas is stop-ped, is science's latest discovery in the fight to banish pain, says "Popular Mechanics."

The new anaesthetic, called propylene, is produced from ordinary artificial gas, and besides its other feature rarely produces any after sickness or nausea. In fifteen major operations only one patient was rendered sick by the gas.

With the normal span of life steadily growing longer as one after an-other of the mass diseases have been conquered, scientists are confident that in the next half century they will add another twenty years to the average life, bringing it well up to four score years. What this means may be realized when statistics of the past are studied. In the sixteenth century the average life span was but twenty years—the ripe old age of those who grew up being more than offset by the appalling infant mortality due to the appailing infant mortality due to lack of knowledge of children's dis-eases. At the close of the eighteenth century the average was less than twenty-five years. A hundred years ago in America it had reached thirty-fine terms in the terms for the terms five years; by 1870 it was forty-one years and in the fifty-six years since it has almost reached sixty years.

With the exception of occasional sporadic pests, such as the influenza epidemic which swept away 22,000,000 lives during the war, man has virtual-ly ceased to die from mass complaints, and now dies an individual death, due to breakdown of his own machinery. Vaccines, toxin and antitoxins, as well as better medical training, have conquered smallpox, dip-theria, measles and the myraid dis-eases that in the Middle Ages claimed a vast proportion of population in the years of infancy and childhood. With the individual death from per-

sonal troubles replacing the mass diseases, the perfection of medicines and anaesthetics—the latter less than 100 years old—takes on renewed importance, since they deal with the treatment of the individual. The ancients knew how to use drugs made from the poppy, belladonna, mandrake, solanum, mandragora and nepenthe to produce unconsciousness, and back as early as the third century Chinese record the use of hemp by physicians for this purpose, but they never became general, and major operations continued to be performed more often than not without anything to relieve the pain.

Motor Racing Rules Revised.

Motordom is shortly due for a general revolution. Radical alterations in construction, extensive tests with added appliances and detailed plans

Where Name Gamaliel Occurs in the Bible

Two men by the name of Gamaliel are spoken of in the Bible. The periods in which they lived were widely separated. The name of the first is found in Numbers 1:10. He was the son of Pedahazur, a prince or captain of the Tribe of Manasseh, and he is here mentioned in connection with the census of Sinai. He again mentioned in chapters 2:20; 7:54 and 10: 23, the latter reference being to Gamaliel as captain of the Tribe of Manasseh at the starting of the Israelities on their march through the wilderness. The second Gamaliel was a Pharisee and celebrated doctor of the law, who gave sound worldly advice to the Sanhedrin respecting the treatment of the followers of our Lord. This will be found in Acts 5:34. It is also learned from 22:3 that he was the teacher of St. Paul when the latter was a young man zealously devoted to Judaism. He is generally identified with the very celebrated Jewish doctor, Gamaliel, who was the son of Rabbi Simeon, and grandson of the celebrated Hillel. He was president of the Sanhedrin, the great council of the Jews, during the reigns of the Roman emperors Tiberius, Co. ligula and Claudius.

Science Vainly Seeks

New Sources of Silk In spite of the enormous increase in the production of artificial silk, real silkworm silk is just as much sought after as ever, and is even more expensive than formerly. So much so that attempts have been made to find other insects to produce it.

Spiders have been tried, and other caterpillars besides that of the silkworm moth, but without much success. The oddest source from which silk has been obtained is a shellfish, a sort of mussel, called the "pinna" and found in the Mediterranean.

This creature fastens itself to the rocks with fine and very strong threads, which can be spun into love ly golden yellow silk.

But it is not likely that sea silk will ever be a commercial proposition. The thread is very short, the filaments being not more than three inches long. Also, it takes more than three thousand of the fish to produce one pound of silk. Yet a little is produced and worked in Sicilian coast villages.

The Judge's Retinue

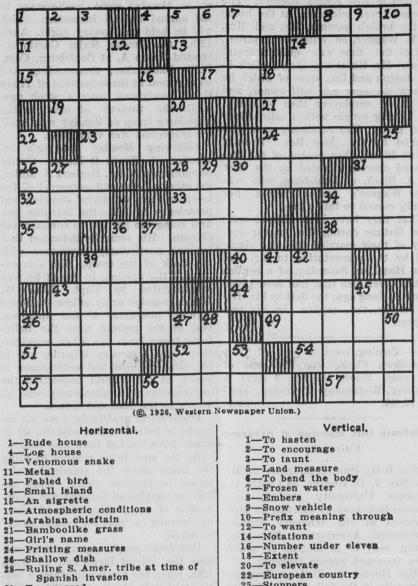
Mr. Justice Sankey, in the course ot a lecture in London on old-time judicial customs, spoke of the days when a judge had to be accompanied by the sheriff with a retinue of 200 men when traveling from Newcastle to Carlisle to protect him from the raids of Scotsmen who sometimes came over the border to take off the judge for ran-

In the passing of time, the sheriffs jot "fed up" with this expense, and ked the judges to accept dagger money in order to provide their own escorts. To this day the custom prevails in Newcastle of presenting the interesting figures. judge on circuit with dagger money, the sum being one golden guinea.

HOW TO SOLVE A CROSS-WORD PUZZLE

HOW TO SOLVE A CROSS-WORD PUZZLE When the correct letters are placed in the white spaces this puzzle will spell words both vertically and horizontally. The first letter in each word is indicated by a number, which refers to the definition listed below the puzzle. Thus No. 1 under the column headed "horizontal" defines a word which will fill the white spaces up to the first black square to the right, and a number under "vertical" defines a word which will fill the white squares to the next black one below. No letters go in the black spaces. All words used are dictionary words, except proper names. Abbreviations, slang, initials, technical terms and obser-lete forms are indicated in the definitions.

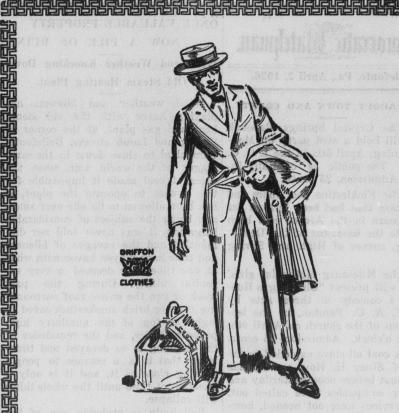
CROSS-WORD PUZZLE No. 2.



Solution will appear in next issue.

Union Sunday Schools a Great Work | Solution to Cross-word Puzzle No. 1

16-Number under eleven 18-Extent 20-To elevate 22—European country 25—Stoppers 27-Insect 27—Insect 29—Egg of a louse 30—Top of a wave 31—Aeriform fluid 34—A knight-errant 36—To box for shipping 37—Preoccupied 39—A torch 39—A torch 41—Period of time 42—To give the use of temporarily 43—Strip of board 45—Prefix meaning 10 46—Brother of a religious order 47—Established (abbr.) 48-Born 50—To place 53—You and me



Our showing of New Things that Men and Boys will wear for Easter

Are Different

Suits, Top Coats Hats, Shirts and Ties New .-- And the Last Word in Style **Priced Honestly**

Let us show you. We will not only please you --- but will also undoubtedly save you money.

Faubles

executed all for a thoroughly ized racing motor production, is the present outlook for the midsummer, when the A. A. A., officials announce the advent of the 911 cubic inch

the advent of the 912 cubic mini-speedway motors. A new page will be written in the history of professional racing. The present type 122 cubic inch, now des-perately battling the gruelling miles of the American speedway, will be re-tired in May. Their faithful perform-ance will doubtless linger in the minds of pilot and fan alike, while worlds

ance will doubtless linger in the minds of pilot and fan alike, while worlds records in series, set a high mark for the newer design replacing them. Their great speed producing qual-ities brought a championship crown to Pete DePalolo an array of worlds records. More recent achievements on the west coast cause dispatches of on the west coast cause dispatches of astounding speed records to be flash-ed through the press, following mad dashes of "Bob" McDonogh, Earl De-Vore and Benny Hill with a half-dozen foremost contenders.

Coincident with these last hour announcements, comes fresh advice from the racing motor factory of the vet eran Harry Miller, in Hollywood, Cal. telling of amazing development in the work of the new motors, first to be shown on the pine board in Al-toona, Saturday June 12th. Block tests by the scores to determine the superiority of the late design, are be-ing conducted. The paramount thought is speed, and with upwards to fifteen under construction, an unusually fast fleet is certain. Duesenberg brothers of Indianapolis are meanwhile laboring tediously in a spirit of eagerness to excell Miller's product, while handling orders for ten. The renowned Altoona Speedway, the greatest sporting center in East-ern U. S., will present the coming speed duel as their sixth national championship 250-mile event.

Penn State Girl Holds World's Rifle Record.

In eight consecutive intercollegiate in eight consecutive interconegrate rifle marksmanship contests Miss El-len A. Bullock, of Gladwyne, Pa., a junior co-ed at The Pennsylvania State College, has made eight perfect scores and has established a new world's record for college girl rifle shooting. A Kansas girl held the pre-vious record with five consecutive per-fect scores and so far as is now fect scores, and so far as is now known, the achievement of Miss Bul-lock in hitting the "Bull's eye" with every shot has not been equalled by any other college girl in the world.

Potatoes Once Cheap.

In comparing potato prices, Rich-ard Carr, of Livonia, N. Y., says he remembers carting potatoes when they were sold for eleven cents a bushel. And in the Fall of 1895 a man took a 1000 bushels of potatoes to Piffard to sell the lot for \$50-or a nickel a bushel. But the deal did not go through and rather than take the tubers back home and store them the grower sold the entire lot for \$10 -one cent a bushel.-Exchange.

Study of Revelations

purports to be a series of revelations of God made to Enoch and gives a history of the kingdom of God and the secret origin of laws of nature. It was much quoted in Jewish and Christian writings during the first five centuries after Christ: but disappeared with the exception of a few fragments about 800 A. D. The book furnishes information concerning Jewish theology and speculation during the centuries immediately preceding the Christian era.-Kansas City Star.

Thought in Lower Animals Just as the monkey or orang-utan be-

have and think precisely as men do, so we find many animals, birds and in-sects thinking, and it is this capacity to benefit by the teachings of experience, the cultivation of memories and the power to reason clearly, quickly and logically that enables them to find ways and means for securing themselves in comfort during the coldest days of winter.

They do this in innumerable ways, and many species appear to exhibit greater intelligence and foresight than man in preparing for the winter sea-

Finest of All Oils

Watchmakers' oil, the finest of its kind in the world, is obtained from the jaws of the porpoise by the Passama-quoddy Indians, who live on the coast of New Brunswick, Nova Scotia, and Maine. The jaws are hung up in the sun, and the oil as it drips from them is caught in cans, placed below. Only about half a pint comes from each jaw. The oil commands high prices, and in late years it has become so expensive that its use in the delicate machinery

of lighthouses has been abandoned.

To Test Pearls

In Paris not long ago a group of the world's greatest pearl merchants watched a French scientist pour gently a handful of pearls into a tube containing what appeared to be water. Some sank to the bottom, but others floated.

"Gentlemen," the scientist said, "you will find that the pearls light enough to float in this fluid are natural pearls. Those that sank are cultivated Japanese pearls," says Popular Science Monthly.

Myers of the Pennsylvania State Sabbath School Association, gives some

in Pennsylvania.

In connection with Sunday School

31-To proceed

85-That thing

88-To request

43-To smack 44-To walk on

55-Consumed

57-Boy's name

56-To guide

46-To make flat

52-To stitch 54-Gambling cubes

49—S. Amer. mountains 51—Scarce

83-Man's polite title

36-Island off Greece

89-Brother of a religious order 40-To vend

32-Insect

34-Equal

It was during a conference of county presidents and secretaries just closed at Williamsport, that Mr. Myres was making his report to the members of the educational commit-The book of Enoch is an apocryphal tee, which is composed of state staff pook, first mentioned in the Epistle of members and denominational leaders Jude 14-15 and quoted by Clement of Alexandria, Origen and Tertullian. It policies of the State Association.

Mr. Myers said "I have a number of times been asked: "What is an Interdenominational association like the Penn'a. State Association for ?" And I wonder how many people in the State know that we have fifty six varieties of religious denominations all trying to do Sunday School work? all trying to do Sunday School work? They vary in size from the Metho-dist Episcopal, with it's 429,800, down to the Swedish Free with 100, but the significant fact is that only 16 have more than 20,000 enrolled in their religious educational work and only 3 have professional field work-ers who are giving full time to help their Pennsylvania constituency.

Another significant thing is that only 10 of these 56 denominations were even helping their schools by oc-casional visits or advice and the other

46 are entirely dependent on the crumbs that fall from others tables or the State Association service, which reaches every county several times each year. In Pennsylvania only Methodist,

Presbyterian, Lutheran, Reformed and Baptist in order named, exceed the Union schools in number of schools, the total of Union schools showing here the great need of our State service in this connection.

Mr. Myers further emphasizes the fact that the right and responsibility of the denomination to enunciate it's own training violated, and that the State Association and must not be violated, and that the necessary place of the inter-denominational agency to promote work in many community efforts is still obvious in our State even though Pennsylvania is the greatest Sunday School State in this country.

Not Responsible for Any Wildcats Blunder.

A stranger, driving down a lonely road, saw a big wildcat dash across the highway in front of him and leap through the open window of a farmhouse. At the same moment he saw the farmer working in a field a short distance away. Whipping up his horse, he excitedly accosted the far-

"Is that your house?" he breath-lessly inquired. "Guess it is," drawled the man of

the soil.

"Is your wife in the kitchen?" "Ought to be," said the farmer. "Then hurry home, man, and see what you can do, I just saw a wild-cat leap through the kitchen window. "That so?" asked the farmer.



CONDUCT

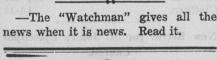
"Yes, man; hurry, hurry." "Yes me, stranger," insisted the the farmer, "was anybody chasing that wildcat?"

"No." "He went through that window of his own free will and accord?" "Yes," replied the now thoroughly

"Yes," replied the now increasing puzzled stranger. "Then let him defend himself," con-cluded the farmer, as he returned contentedly to his task.—Washington Star.

The Largest Industry.

The motors industry is now the largest industry in the country (with steel second, and meat packing third). An average of 14,400 cars and trucks were built every business day dur-ing 1925, making a total of 4,325,000. These machines were sold at an average of \$866 for cars and \$1,350 for age of \$366 for cars and \$1,300 for trucks, making the total average out-put about \$13,000,000 a day. There are now 20,000,000 motor vehicles in the United States. These vehicles, says Good Hardware, can haul the en-tire population of the United States in one load.





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