coffee?
A.—When it becomes necessary to use milk, instead of cream, on the cereal or in the coffee, scald

the milk first and then serve hot.

It will give the effect of cream.

Q.—How can I clean white A .- Use a solution of equal Ror will this solution injure the

Q .- How can I preserve a rubber article? A .- Suspend it several inches

above a dish or pan containing a small quantity of kerosene. The vapor arising will prevent cracking, and will not injure the rub-C .- How can I attach a food

chopper to a porcelain-top table?

A.—Place a piece of sandpaper under the clamps to hold it firmly in place. See that the sandpaper rough side up and then screw down the clamps tightly. Q.—How can I treat linen which has been scorched only

A.—Rub a cut onion on the marks, and then give the linen a good soaking in cold water.



One of the most dramatic of recent sea photographs is this one showing a French destroyer ouncing on the bounding mair during recent manoeuvers.

What Science * Is Doing *

SKIN GROWS THICKER patch of ordinary human skin and tause it to grow thicker while waiting for transplantation to cover a

This ne. step in healing, described in the American Journal of Surgery, makes it easier to cover bad wounds from auto accidents and burns. The thickened skin acts as filler as well as covering. It makes repairs with one layer where for merly sometimes two layers of tissue and two operations were reguired.

WARM WEATHER REDUCES Two University of Cincinnati scientists have concluded that tem perature may have a pronounced effect upon the growth of humans. They reported this week on studies which indicate that the tide in human growth is turning and people are getting smaller again. They believe that rising world

the Princeton Observatory.

This will not happed for millions

of years, but it appears certain to

bappen. When it does the earth's

surface at the equator will be about the ten pera e of a household fur-nace and only the Arctic and Ant-

arctic will be sufficiently cool for

habitation. This rise in tempera-

tur is a conti uous process, Dr. Russell declared, and millions of

years hence the earth will be too hot to handle.

temperatures in recent years have the bronze birch borer and the beech scale, have become a seritended to halt what seemed to be a notable increase in height and ous menace to the birch and beech weight of college students. stands of New Brunswick, reported R. E. Balch, head of the Do-EARTH GETTING HOTTER

nion entomological laboratory Mass migration of people of all there. pations toward the north and south poles when the sun cools and the "Progress in civilization is lim earth grows botter is predicted by Henry Norris Russell, director of

ited only by the extent to which we use our brains." - Charles

INVENTIONS WANTED

ing inventions, patented and unpat-ented, since 1924. If you have a sound, practical invention for sale, write us immediately, Chartered institute of American Dept. 37-B. Washington. D. C.

Glass Is Found Proposed New Bank of Montreal Building In Toronto Strong As Steel

Sixteen storeys high this new building for the Bank of Montreal will rise on the northwest corner of King and Bay Streets in Toronto on the site of the old "Mail" building.

Gardening

PLANS

Gardening is not a hobby that

requires a lot of expensive gadgets

or other equipment. A free seed

catalogue, a few packages of good

pencil, a rake and a spade are the

only absolutely necessary essen-

In the average case the amount

of land at one's disposal is limited, but even with but a few square

yards, amazing results can be.

Where space is small, it is advis-

able to follow a strictly informal

the garden cleared of beds and

shrubbery and devoted entirely to grass. Around the edges will be

grouped beds of perennial and an-mual flowers, leading up to shrubs

and vines along the walls or fence boundaries. This open centre adds

to the effect of spaciousness, and

if the rigid boundaries are softened

and partially hidden, so much the

... AND LARGER ONES

Where the garden is larger, say over thirty feet in length, experts

advocate some screening off of

some portion by bringing forward

the surrounding shrubbery at one

point, or by a hedge, wall of trees

so that the whole affair will not be

entirely visible from any one point

f observation. This will add

and also provide a secluded corner

or two for a swing, sandbox or a

SHRUBBERY

In the general plan, the talle

shrubs, such as the common spirea, honey suckle, forsythia, syringa,

or lilac are placed farthest back. in front go the smaller shrubs, like

the barberry, in different shades of foliage, the low spireas, the deutzia

or similar things that never exceed

three or four feet in height at ma-

turity. In this class, too, will come

many of the perennial flowers, iris,

phlox, peonies, plants of medium height and which like all peren-

ials when once planted and estab-

lished will come up each year and

Richest Possession

The London (Eng.) Board of

Trade has just established Austra-lia as the richest of British pos-

sessions. Annual revenue the past

year totalled \$959,500,000 as

against \$524,500,000 for Canada

and \$180,500,000 for New Zea-

flower with very little further at

Australia Britain's

rellis-covered table.

SMALL PLOTS

achieved.

seeds, a few shrubs, some paper,

Farm Capital

cesses.

Turnover Slow

Farms Require High Capital In-

vestment For That Reason-

Depend On Biological Pro-

Farming is similar to any other

principles may be applied. Farm-

ers, as well as other business men,

tween costs and returns. An im-

portant to secure a large annual turnover if capital charges are to

be met. The first year report on the Ontario Dairy Farm study, as

reported by the Economics Divi-

sion, Marketing Service, Dominion

Department of Agriculture, illus

trates this point. The Milk Market

group having the most favorable

ratio between receipts and invest

ment would require an average of

three years for receipts to equal in-

Returns Slow Coming In

The difference between the farm

siness in that the same necessary

Most Efficient Material In Relation To Weight, is Claim of Noted European Engineer. EXCUSE ME-

Modern

Etiquette

BY ROBERTA LEE

group of friends in a restaurant or

er do they go to the table?

a hotel dining room, in what ord-

2. Isn't it discourteous for a

woman to offer to pay her share of

3. May a divorced woman con-

inue to wear her engagement and vedding rings?

slang in conversation?
5. Is it customary to introduce
a young man formally to society?

6. What does it indicate when a guest at the table toys with a fork

1. If the head waiter leads the

way to the table, the host goes first, to seat his guests. The wo-

men follow next, and the men of

the party last. 2. Yes; it is not

only discourteous, but hamiliating to the man. 3. She may if she de-

sires, but it is far better taste not to do so. 4. Yes. One should use

as good English as he is capable of.

larger vocabulary than any othe

language in existence, and it

every sentence with some slang of

pression. 5. No, excepting a din-

ner given in his honor to celebrat

his twenty-first birthday. 6. indicates self-consciousness an

BABY CHICKS

ARTHUR McKEEN, ILDERTON Ont., bought 300 Bray Barred Rock chicks last March. Only 2 chicks lost. Pullets laying under a months. Eggs over half A-large at 6 months. Order Bray chicks early. Bray Hatchery, 130 John Street North, Hamilton, Ontario.

REGAL DORCAS, WHITE WYAN-dottes bred from Martin's best

EDUCATIONAL

CANADIAN CORRESPONDENCE COLLEGE MATRICULATION. SHORTHAND, and bookkeeping. 35 years' exper-ience. You still have time to write two or three papers in June. 607 Kent Bidg., Toronto.

ELECTRIC MOTORS

ELECTRIC MOTORS AND MACHIN-ery bought, sold, exchanged. Ford Machinery, 169 King East, To-

FARMS FOR SALE

ONTARIO FARMS FOR SAL

GOOD 150-ACRE FARM, GOOD brick house, big bank barn, silo Apply Gideon Schneider, Moore-

FEEDS AND FERTILIZERS

OTASH FERTILIZER (CANADIAN Hardwood Ashes). Write for Free

FARM EQUIPMENT

FANNING MILL (KLINE) FARLE-ers say best seed grader; wild out se, trator testimonials. Kline Manufa, turing, Islington, Ontario.

ns, Peterborough, Ontario.

state your requirements also county or district pre-commissioner of Agricul-Loans, Parliament Bldgs., to, Ont.

\$3. and \$5. H. B. insville, Ont.

DIRECT FROM THE

The English language contains

4. Should a person avoid using

the expenses, when she is the guest of a man at some entertain

1. If a man is entertaining a

BUT BIG BEN STAYS

LONGER!

The PERFECT Chewing Tobacco

milk yield for Shorthorn con

Wort and Way, of Am

been set up by Cherry, owned

England. In 288 days this

of milk, beating by five gale

the previous record held by

gar Maid, owned by Captain Re

ing-Johnson, of Compton Bas

BLACKHAWK INDIAN REMEBI Dept. W. 1536 Bundas St. W. Toronio,

Scratchin

RELIEVE ITCHING In A Minute ven the most stubborn liching of eccess, but imples, athir o's foot, rashes end other six ons, quickly yields to Dr. Dennis' cooling, as o, liquid C. O. D. PRESCHIPTION. Its position.

O. 1 ALASKA, BANNER, O.A.C. Oats at .65 bus. Vanguard at \$1.00 bus. ed No 1 Grimm Alfalfa

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ial terms arranged. Tore n Hair Supply Co. 528

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matten sent free. The P

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RADIO

HIGH BLOOD PRESSU

ORNAMENTALS

PATENTS

Classified Advertising

HANDWRITH

ANALYSIS

Wiltshire.

Free

Shorthorn has given 33,289

FRESHER AND LASTS

That the long-awaited "glass age" in architecture has actually arrived is emphasized by Jaroslav Polivka, noted European engineer in the current Architectural Re cord. In both compression tension, toughened glass, says Dr. Polivka, is one of the most efficient load-bearing materials.

In Compression, Tension While glass has been used wide for many years because of its strength have been neglecte nade possible several notable concrete roof.

structural materials such as wood, twice as strong as the molded pro-

YOU -

days of his youth. "Darling," sighed, taking her hand in his, "do you remember when we met in the revolving door at the bank?" "Surely that was not the first time we met?"
"Oh, no!" he replied. "But that was when we first started going

And then there was the lov ing mother who had four children and named them Eenie Meenie, Minie and Edgar: because she didn't want no Moe

said the dusty, shrewd-looking man as he descended from his trap outside the farmer's house. "You're right there," replied the farmer eagerly. "It's the best to be found in the country."
"Bit too high a figure for a poor

and city business is due to the far-mer's dependence on biological sses. Some farmers produce milk, eggs and other products which are sold frequently throughout the year. Where this type of production is possible, it aids in financing and may offset borrowing for part ing and selling in these parts?" of the year. Many producers, however, depend for part of their inler, making some notes in a book, come on sales of crops and live stoock, some of which require up to three or four years to reach ma-

turity. The annual turnover with such enterprises is slow and Love Handicaps

Student Greatly To Blame For Failures, Says Professor; Inability To Concentrate

Love is a great handicap to the damages, Mrs. Johnson. accumulation of knowledge, accord ing to Dr. Ray S. Musgrave, proessor of psychology at Birmingham-Southern College. Dr. Musgrave placed student re -0mances at the top of the list of reasons for failures to pass courses.

Next came parties and extra cur The weil-known "grudge agains the professor" and financial worries also were listed as chief factors making for bad marks. But love tops them all, Dr. Mus-

"When a student is in love, he is unable to concentrate on his studics," he said.

In the prison hospital at Tou louse, France, where he was held to await trial on robbery charges Sylvio de Souza joined a funeral cortege as it passed him in the garden and walked out to freedom with the mourners.



light-transmitting values, possibili ties for utilizing its high structur-Dr. Polivka says. He has conduct ed extensive researches which have buildings in which glass predom-inates in walls and roofs, such as the Czech Pavilion in Paris and the Rotterdam Corn Exchange, with its 50,000 square foot glass-

In tests of compressive strength he found that a three-inch square column of molded glass one foot high could withstand 100 tons the same pressure as could be borne by a 16 x 7 inch steel Ibeam, and by larger sizes of other concrete and brick. Toughened or heat-tempered glass is more than

HEARL

are dependent on the margin beportant factor affecting that margin is the rate of capital turnover. Farms require a relatively high capital investment, hence it is imround together, wasn't it?"

"Fine piece of land out here!"

man, I expect?" asked the stranger.
"It's worth every penny of fifteen hundred dollars an acre," answered the farmer with an eye to business. "Were you thinking of buy-"Hardly," murmured the travel-

Doris-"My, how fast your heart is beating! It sounds like Young man-"Yes dear, a

A Negress of mammoth propor tions and inky complexion was brought unconscious into a hospital after an explosion. When she came to, the surgeon, thinking to com-

"You will undoubtedly be able to obtain a considerable amount of "Damages!" exploded the lady. "What do Ah want with damages? Ah got all the damages Ah wants now. What Ah needs is repairs."

An explorer says that wolf meat is very nourishing. So some people had a good meal on the doorstep all this time without knowing it.

CHILDREN'S COUGHS (due to colds)

Don't let chest colds or croupy coughs go untreated. Rub Children's Mild Strength Musterole No. 2 on child's throat and chest at once. This milder form of regular Musterole penetrates, form of regular Musterole penetrates, warms and stimulates local circulation. Floods the bronchial tubes with its soothing, relieving vapors. Musterole brings relief because it's a "counter-irritant"—NOT just a salve. Recommended by many doctors and nurses. Made in Canada, in three strengths. Regular Strength, Children's (mild), and Extra Strong, All druggists, 40¢ each.



Issue No. 10-'39

School esson

LESSON XI PETER DELIVERED FROM cts 12:5-17

-Prayer was made ON IN ITS SETTING ring of A.D. 44. probably located in

orth his hands to afflict the church. And he ies the brother of John word. And when he saw eased the Jews, he pro-seize Peter also. And the days of unleavened ut him in prison, and de-m to four quaternions of guard him; intending people. herefore was kept in

but prayer was made of the church unto God Prison walls could conf any kind can keep the a sincere heart from asthe throne of the om-

when Herod was about im forth, the same night s sleeping between two bound with two chains: ds before the door kept Note the time of the Not till the last mohope was almost dead hold, an angel of the

od by him, and a light the cell: and he smote the side, and awoke him, ise up quickly. And his I off from his hands. Gred By An Angel he angel said unto him, If, and bind on thy sand he did so. And he him, Cast thy garment

, and follow me. When tal lies down to sleep, s his outer garment, and e girdle which binds the ment. When he rises in ing to begin the day's tightens the girdle about throws on the outer gariter robe, as we might he went out, and fellow-

he knew not that it was ich was done by the angel, ught he saw a vision. 10. n they were past the first second guard, they came ron gate that leadeth inty; which opened to them accord. 10b. And they and passed on through and straightway the ted from him.

her they be clad in the nt of joy. When they we must turn the meswe brought into obedinslate their ministry rvice for others. when Peter was come that the Lord hath sent he hand of Herod, and

en he had considered ame to the house of her of John whose as Mark; where many ed together and were was the son of Mary of It is easy to see that at home here, and so Mark well. hristians would not have

red together in prayer were some deep, ictions in their lifehears prayer, "that God do miraculous things," e are some things that can do, and unless he they will not be done, more than deep convichad a great love for Peter, and his distress

when he knocked at the he gate, a maid came to named Rhoda. 14. And knew Peter's voice, she ot the gate for joy, but and told that Peier stood

ter At The Gate they said unto her, and. But she confidented that it was even so. said, It is his angel. Acto Jewish ideas they lieve that Peter's guardi-had assumed his form and stood before the

when they had opened, him, and were amazed.
The, beckoning unto them
hand to hold their peace,
anto them how the Lord
thim forth out of the ROSES FOR YOUR GARDE and he said. Tell these Peter did not sit down.

Former Canadian Missionary Bound 'Round World



The Rev. John Antle, founder of the Columbia coast mission in British Columbia, is pictured here aboard his 48-foot cutter, Reverie, in which, with but one companian, he will soon set sail on a scheduled round-theworld cruise. The Rev. Antle, who is 70, scoffs at the thought of danger on the trip, saying he does not consider it as dangerous as crossing a busy traffic intersection. In 1933 the elderly clergyman crossed the Atlantic in a small boat, when he brought the motorship John Antle to Victoria for use in his mission work.

700,000 War Fliers Said World Total

That Many Being Trained By Various Nations Engaged In Arms Race

casioned by the threat of war are expected to provide Europe's five major powers with regular and re-serve air forces totaling some 700,-000 men by the end of 1939. A survey of those European programs produced these round figures for the respective countries:

Italy, Germany, Russia Lead Great Britain—A goal of an enlisted and officer strength of 100,-000 in the Royal Air Force by June Germany-A total force, flying and non-flying, in the regular air corps of more than 100,000; a reserve of from 65,000 to 70,000, most of them are reported to know the rudiments of piloting a plane.
Italy-10,000 pilots and a reserve

(pilots, mechanics, radio technic ians, etc.) of 120,000. France — A goal of an enlisted and officer strength in the air cc ps of 85,000 by the close of the year Russia-An air force, flying and on-flying, of at least 100,000 men. and a reserve of at least that many more, thourands of whom have qualified as pilots.

as many of us have commonly believed, to enjoy a few hours of precious fellowship with these faithful fellow Christians who had been praying for his deliverance, for the verse clearly indicates that Peter only took time to say a few words, and then hastened on. And el and delivered me | he departed, and went to another place. It is not even said that Peter left the city; yet it is genter was back in Jerusalem at the great conference of the Jews some time later (Acts 15:7), when, of course, Herod Agrippa was dead.

He's Ready With

His Own Coffin Joseph Baker of Meaford, togenarian in the best of alth, has his coffin made an ready to die when the ti

"People should prepare for next world while they are ring," Baker says. He believe here will be a day of judgme matter what anybod Present-day coffins are fa oo expensive, Baker said. He

ratings but to the peregrinations

1938 Hits Record For Arson Cases

Last year saw 16 fires, each of which had a loss in excess of \$50,

000 and one of which, the Maple Leaf Milling fire at Kenora a loss

of \$705,000. The Maple Leaf fire was the largest loss in any single

fire in Ontario since 1926. The 16

The

CATERPILLARS

DEVELOP CURIOUS

PLANT-LIKE GROWTHS

TERRIFY ATTACKERS.

PRESUMABLY TO

MOUNA

62 Convictions During Biggest Year In History Of Ontario Fire Investigation—Increas-

and allied fire crimes out of 7 eriminal cases in 1938 climaxed the biggest year in arson investigation marshal's office. According to the 1938 report of W. J. Scott, Ontario month period 22 consecutive con-victions without a single case be-

year was about that of 1937, the tragic Fort Frances forest fire of Oct. 11, 1938, in which 17 were killed, bringing the total up to 79 killed, 199 injured. In 1937 there were year there were 14,734 fires, a total fire loss of \$9,397,210, an insurance loss of \$8,032,335, with losses not \$1,364,875.

Pie-Eater Stops After Ten Pies

Using a quart of buttermilk, a bottle of ketchup and a glass of water as "chasers" Gordon McAllister, of Toronto, last week downed 10 pieces of the 20 he wagered he would consume and then admitted he was not a champion pie-eater after

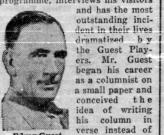
provided by European bureaux of the Associated Press and other started on the first of five porl pies. His happy smile had faded to a wan grin by 12.30 p.m sources. Periodic reports from abroad would tend to indicate the estimates are conservative. hind him, as well as two frui A post office where only chilpies. The score was sever down. Then he gave away the dren under 17 can obtain a stamp or post a letter has been set up at remaining pies.

"IT CAN BE DONE"

A famous detective will visit Edgar A. Guest's programme "It Can Be Done" on March 15, at 10.30 p.m., over the Columbia network. The sleuth is Raymond J.
Burns, president of the Burns International Detective Agency.
Mr. Burns will tell Guest and

from law school and joined his fa ther investigating municipal grafts in San Francisco with such success that the two of them founded th detective agency which bears his name. The agency cleaned up the dynamiting of the Los Angeles. Times Building and arrested the notorious Philip Musica (Costa) wenty years ago in a hair-swind

ling case. Edgar A. Guest, one o the best nown poet-philosopher colum on this continent, conducts the programme, interviews his visitors



Edgar Guest case of type to set and publish "Just Glad Tidings," because he could not get them accepted by any published. Now he counts his readers and radio listeners by the nillions. He still holds his desk in the City Room of the Detroit Free Press. His philosophy is a simple one. He believes that life is good and will power man's

greatest asset. AROUND THE DIAL As Edgar Bergen goes, so goes the Chase and Sanborn Hour. That applies not only to the "C.A.B."

By MADGE ARCHER of Charlie McCarthy's "stooge." After Bergen served notice on his sponsors that he wanted a couple of weeks off to see Broadway again, the rest of the cast decided that they wanted to go too.

Don Ameche thought that a change of scenery and a look at

new shows would do him good. Dorothy Lamour hastily seconded the motion. So there was nothing left for the sponsors to do but move the whole show East. Programmes of March 12 and 19 will come from New York. This is the first change in locale for the variety hour since its inception in May, 1937.

With Lawrence Tibbett singing the leading role, the Verdi Opera "Rigoletto" will be broadcast direct from the stage of the Metro politan Opera House on Saturday March 11, over NBC and Canadia breadcast from the Met this sea-

TO BE HEARD . . . King Victor New York World Fair, 1.30 p.m., NBC, March 12 . . . Harry Hagen's "True or False" from Montreal, March 13, 10 p.m., NBC, CFRE ... Bob Benchley from Hollywood March 12, 10 p.m., CBS ... Jan Kiepura guest on Magic Key, Mar. 12, 2 p.m., NBC . . . Music of Norway featured on "International Nights," the Marek Weber series March 13, 10 p.m., NBC . . . Columbia Workshop, "On the Train" by Hugh Hunt, director of Abbey Theatre, Dublin, March 13, 10.30 p.m., CBS . . . Streamlined version of "The Mikado," March 14, 8.30 p.m., NBC . . . Appointment With Agostini, March 14, 9 p.m., C.B.C. Winnipeg, March 14, 9.30 p.m. One Man's Family, dramatic seri al, March 15, 8 p.m., NBC, CBC

... Music by Faith, March 15, 9.30 p.m., CBC, MBS . . . The President of Czechoslovakia, Mar. 18, 4.45 p.m., NBC . . . Dick Pow-

ell replaces Al Jolson, March 21, 8.30 p.m., CBS, CBC . . .

29 To value. 31 To bury. 3 Sun god. 4 To quote guitar. 32 To ride.
34 Accomplished 56 To prepare for publi-5 Leaves out. 6 Born. 7 Idant. play. 38 Sound of inquiry. 40 He was an 59 New star. ___ by 45 Within.

HORIZONTAL

1 Inventor who

made the firs

broadcast.

by birth.

14 Mutilated.

15 Arranging

16 Laughter

17 Cravat.

22 Drunkard.

24 Reverence.

depot.

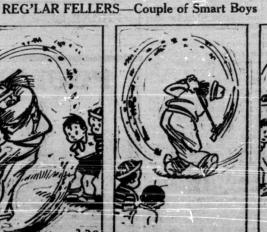
19 Cavity.

paved the 10 Stranger, way for —. 11 Kindled. 12 Within. 55 2000 pounds. 60 He invented 13 Since.

—— teleg- 16 Listened. 57 Musical note 58 Bone.

By GENE BYRNES











30 To ascertain the value of.

33 To rectify.

35 Wood pieces used as filler

37 To perform.

38 Small shield. 39 Muscular

43 Imitating. 44 Ethical.

46 Complications

Kafir warriors

shows an increase of 15.5 per cent,

over 1937 and is the highest in any

HAS THE MOST

PRIMITIVE

BEAK

OF ANY MODERN

BIRD.

MARKINGS ON CONE SHELLS

ARE COVERED IN SKIN WHILE THE WILLISK IS ALVE, AND ONLY BECOME VISIBLE WHEN

CATERPILLARS are one of the favorite dishes of birds all over the world, but to many of these crawling creatures, Mother Na-ture has given various forms of protection. Some are bitter to the taste, some have weird markings, designed to scare off bird ene-mies; and others, like the one above, carry grotesque, distasteful looking growths.

Father of Radio

Answer to Previous Puzzle 18 Peasant

VERTICAL

THE SKIN COMES OFF AFTER DEATH. 4-2

427,283.

THIS CURIOUS WORLD By William Ferguson

year since 1934.