

Subtract 3 from both sides of this equation,

$$\text{then: } x^2 - 1 + \frac{1}{x^2} = 1$$

$$\text{so that: } \left(x + \frac{1}{x}\right) \left(x^2 - 1 + \frac{1}{x^2}\right) = 2 \times 1 = 2$$

$$\text{therefore: } x^3 + \frac{1}{x^3} = 2$$

E. R.

#### A VICTORY LOAN CATECHISM

Q. What is the Victory Loan, 1918? A. It is Canada's Second Victory Loan and fifth war loan.

Q. What is a Victory Bond? A. It is the promise of the Dominion of Canada to repay the lender the sum named upon it at the time stated.

Q. What security stands behind this bond? A. The entire assets and wealth of the Dominion of Canada.

Q. When was the last Victory Loan raised? A. In November, 1917, when \$420,000,000 was subscribed.

Q. What became of that money? A. It was used to prosecute Canada's part in the war and to finance and carry on great industries at home.

Q. For example? A. Millions were spent in raising, equipping, and sending forth the Canadian reinforcements.

Q. How was the money spent at home? A. In many ways. The British Government was given large credits and out of these great orders were placed in Canada for munitions, wheat, spruce, salmon and other things needed by the army.

Q. Why did Great Britain need these advances from Canada? A. They were needed to offset Britain's advances to Canada in army expenses overseas.

Q. How does the loan effect the people of Canada? A. Without it our war effort would collapse, our industries would suffer a great break-down, our manufacturers and farmers alike would lose their foreign market.

Q. What has the loan done for the farmer? A. It has bought the greater part of the wheat crop, and provided a market at good prices for his dairy and animal products.

Q. What would happen to these products without the loan? A. Most of the wheat would have been unsold, the price would have been greatly reduced, and the cheese and bacon would have been a drug in the market.

Q. How has the loan established any new industries? A. It has revived shipbuilding and created new and bustling ship-yards on the shores of the St. Lawrence and the Great Lakes. It has brought into being great plants for the making of aircraft.

Q. What do these mean to the country? A. The employment of thousands of well-paid men and women, and their development into highly skilled workers.

Q. Does the loan reach widely in the distribution

of the money? A. It reaches virtually everybody in Canada. All the great industries are benefited, while the financial and mercantile classes all reap their share as middlemen.

Q. Why is it necessary to raise the loan in Canada? A. Because there is no other place to raise it. Our Allies are burdened to the limit, and we must carry our own load.

Q. Why is Germany fighting? A. To dominate the world and crush civilization under her cruel militarism. General Von Bernhardi wrote years ago: "Our next war will be fought for the highest interest of our country and mankind. World power or downfall will be our rallying cry."

Q. Why is Canada fighting? A. To save herself and civilization from this dastardly attack on the world's liberty.

Q. What part has money in this fight? A. While armies of men are indispensable, no country can make war without "silver bullets."—*The Beacon*.

#### CURRENT ITEMS

A report from the Hungarian capital states that as Count Stephen Tisza, the former Hungarian Premier, was leaving the Lower House of Parliament at Budapest, on October 15th, a youth approached his motor with a revolver for the supposed purpose of shooting the Count. The would-be assassin was struck down by the Count's chauffeur before he was able to fire.

The Frasers, Limited, have about completed at Edmundston, N. B., a sulphite mill which will be the second largest in America and will have a capacity of 140 tons a day.

The Japanese steamer *Hirano Maru*, outward bound from a British port to Japan, has been torpedoed, and it is feared 300 lives have been lost.

A collision recently occurred off the South Scottish Coast between the transport *Otranto* and the steamer *Kashmir*. The *Otranto* was dashed to pieces on the rocks after the collision and more than 300 American soldiers are said to have been lost.

A disastrous forest fire spread over northern Wisconsin and northern Minnesota on October 14th and 15th causing great loss of life and property. More than 500 persons were reported missing and at least 1200 were made homeless by it. The towns of Cloquet, Brookston, Corona, Adolph, Thompson, Arnold, Moose Lake and Wright were destroyed according to reports. The property and timber losses it is said will amount to \$100,000,000—insurance \$23,000,000.