

MATHEMATICAL REASONING.

The Editor The Catholic Record. Sir—I was much interested in an exceedingly able editorial in your issue of November 2nd, respecting mathematical science and the nature of mathematical reasoning. The article shows a fine appreciation of the processes of thought in this pursuit of sciences.

It should be remembered that all that branch of mathematics which we call analysis, and of which ordinary algebra is an illustration, is a mere instrument of research. Of itself it can prove nothing respecting the universe. We make an assumption respecting some natural phenomena—for example that the law of gravitation is true—and we set our analysis at work on this assumption, and reach very remarkable conclusions. But the truth or falsity of these conclusions depends on the truth or falsity of the assumption on which the analysis worked.

Yours truly, ALFRED BAKER. University of Toronto Nov. 7, 1907.

IS MAN A SELFISH BRUTE.

AND DO THE WOMEN HAVE THE WORST OF IT?

Many a woman thinks so in her heart though she may never give it expression. Most men who live in the country, though they work hard during the day, have a little time to themselves at noon time and in the evening, when they can sit down and read, smoke a pipe or play with the children, but women's work is never done and many of them go on month in and month out with scarcely a thing to cheer them up and bring change and enjoyment into their lonely lives.

Yes the man plods along with mullish indifference never realizing that the wife really has less in the way of enjoyment than the hired servants. Now just think what it would mean to bring into a home like that, at a very small expense, the very best music that the great singers and great players of the world have produced.

What a joy it would be for the wife and daughters to hear the music in the evening, to listen to music such as the people in large cities like New York have to pay \$5.00 and even \$10.00 a ticket to hear just for one evening only—music which people in cities like Toronto, Montreal or Winnipeg cannot hear, any more than the farmer can, without going to New York for the purpose.

Even people in other large cities of the States almost never give the privilege of hearing the wonderful singers like Caruso, Ames, Melba, etc., or the great Violinists or Cello players or the Great Bands of the world unless they go to New York.

Yet this wonderful music can now be brought right out into the country, to your own home, by the Great Berliner Victor Gramophone, so that you can hear it, not as a mechanical production, but with all the life, power and wonderful ringing tones of the singers, just as though they were right there in the room with you.

Why, you can hear them breathe, and almost have to pinch yourself to realize that you are not looking right at them. This is almost beyond belief, yet it is an absolute fact. Just think of it for a moment and try to realize what it really means to have these wonderful singers and players right there in your home to sing the songs you like best and play your favorite airs. Then think of the magnificent sacred music you might have on Sundays, and on week-day evenings, the funny stories, comic songs and recitations, the best in the world. Why! If we could place the Berliner Victor Gramophone in your home for one evening—for one hour even, we would not need to talk to you any more about it. It would sing and play its own story right into your heart, and you would part with almost anything else before you would let it be taken away. Wouldn't you like to have one of these instruments in your home for Christmas?

All we ask now is that you write us for a Catalogue of the 3,000 pieces it will reproduce, then that you go to the nearest dealer and ask to have some of these pieces played for you. We send the Catalogue free of charge if you just send your name and address and ask for catalogue C. R.—The Berliner Gramophone Company, Montreal.

The Church Does Not Lose.

The history of most contests with that strange priest empire (the Papacy) seems to point the moral that ultimate victory rests with the side whose real weapons are not gross guns and bayonets, though it has often availed itself of such worldly advantages. Its strength lies elsewhere; and be it Emperor or statesman or individual that finds some thing to challenge and attack in many sided Rome, the end is ever the same: the world seems to win, but the Church does not lose; and the worldly con-

stant goes, after all, to Canossa.—Mr. George Sampson in the London Daily Chronicle.

SELECTING A FARM POWER.

Farmers are now pretty well assured of the great advantages of an engine on the farm, but are often at sea as to what particular make they should buy. Without attempting to settle the question, it may be suggested that they cannot go wrong in making a selection from the admirable line of gasoline engines manufactured by the International Harvester Company.

These engines are manufactured on correct mechanical lines. Like every other implement, tool or machine manufactured by the International Harvester Company, they are required to be of the highest order. That implies not only correct principles, but materials best adapted to uses, and workmanship that cannot be surpassed.

The principles were carefully worked out and tested before manufacture began. The record of service of the engines at work for years has abundantly established their correctness, as well as the excellence of materials and workmanship.

One of the greatest things that has been accomplished is dependability, a positive response of the engine whenever called upon. An engine that cannot be depended upon to start quickly and positively is of little value anywhere, especially to the farmer whose power jobs require frequent stopping and starting.

Smooth, even running and generation of the full rating of power is another feature that is only second to dependability. Then comes the simplicity and ease of control for which these engines are noted. And lastly, economy. The engines are adapted to the use of gas, gasoline or denatured alcohol for fuel. Well posted power men agree that whatever the fuel the minimum is consumed for the power delivered.

The engines are made in several styles and range in size from 1 to 25 horse power. International agents are able to supply catalogues and answer all inquiries. Any one about to buy a power will do well to take the matter up with the local International agent, with whom he is most likely acquainted. This will result in the selection of an engine combining highest efficiency with adaptability to needs.

In these days when progressive farmers are trying to provide themselves with labor-saving powers, the line offered by the International Harvester Company of America should not be overlooked. Buying one of these engines is buying dependability, and that is the first consideration. And you have the highest assurance that every other gasoline engine requires is included. There are quite a number of styles and sizes, so that every possible requirement is met. Another advantage is the opportunity of dealing with the responsible, well known agents of this company. You know to begin with that if anything should not be right it will be made right. It is to the dealer's interest to do this and the International Harvester Company of America cannot afford to do otherwise. Read the international advertisement elsewhere if farm power interests you.

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NEW BOOKS. "New Boys at Bidingdale," by Rev. David Beane, S. J. author of "Charles Chittwick," etc. Published by Benziger Bros., New York, Cincinnati and Chicago. Price 50cts.

TEACHERS WANTED.

TEACHER WANTED FOR R. C. SEPARATE school No. 12, Prec. Township. Duties to begin January 2nd, 1908. Salary \$100. Apply stating experience and qualifications to Wm. J. Farley, Arthur, Ont. 1518 3.

TWO TEACHERS WANTED FOR R. C. SEPARATE school, section No. 3, village of Pain Court, township of Dover. Head teacher capable of teaching French and English. Apply stating experience and qualifications Salary \$200. Assistant capable of teaching French and English. State qualifications and salary expected. School near church, post office and boarding house. Two and half miles from electric road. Address: A. P. Ponsseault, Dover South, Ont. 1518-2.

WANTED ENGLISH TEACHER FOR Indian school. Apply to Rev. J. R. Richard, S. J., Sauls Bay, Ont. 1515 2.

TEACHER WANTED FOR PUBLIC school section No. 1, Broughton. Either male or female, holding a first or second class certificate. Duties to commence on Jan 1st, 1908. Applicants state qualifications and salary wanted. Apply at once with reference to John J. Carter, Sec. Treas., Mt. St. Patrick P. O., Co. Renfrew. 1517 3.

TEACHER WANTED FOR R. C. SEPARATE school No. 6, Preston. Half a mile from church. To commence duties Jan. 2nd, 1908. State salary, experience and qualifications. Long distance telephone Brantford, Ont. M. Forest. Apply to Thomas B. Gley, Sec., Georgetown, P. O. Ont. 1517 2.

TEACHER WANTED FOR S. S. NO. 2 Melton. Single. Duties to commence January 2, 1908. Apply stating salary and qualifications, state nearest telegraph or telephone office. John F. Fitzgerald, Mount St. Louis, Ont. 1517 2.

SEPARATE S. S. NO. 6—TWO ROOMS—Two teachers wanted—Senior to have second class professional or better, for two years continuation work. In addition for either teacher a position as grade's worth \$150 is open. Apply, stating salary, to Joseph Glavin, Mt. Carmel, Ont. 1518 1.

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DIED. MCHENRY—At Kingsford, on 1st Nov. 1907, Mrs. M. Henry, sister of John Semmlin, aged eighty-seven years. Sincerely and devotedly regretted.

CONLON—At Toronto, Ont., on Tuesday, Nov. 12, 1907, Mr. John Conlon, 57 his soul rest in peace!

SITUATION WANTED.

A YOUNG MAN WANTS A SITUATION as janitor for a church or hall. Has been janitor of a church for five years. Can serve Mass and make himself generally useful. Apply to "J. K." CATHOLIC RECORD Office, London, Ont. 1518 2.

HOMES WANTED.

GOOD CATHOLIC HOMES WANTED FOR two boys aged eight and five years. Both younger one is intelligent and more than usually attractive. No home wanted for a number of younger children, boys and girls, ages one to three years. Wm. O'Connor, Inspector, Neglected and Dependent Children's Department, Parliament Buildings, Toronto, Ont. 1518-2.

C. M. H. A.—Branch No. 4, London. Meets on the 2nd and 4th Thursday of every month at 8 o'clock in the hall in Albion block, Richmond Street. M. J. McGrath, President; P. F. Boyle, Secretary.

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