YARMOUTH.—Are the answers given in Hamblin Smith's Arithmetic, to the below mentioned exercise, correct? If *so*, please publish solutions.

1. Exam. Papers, page 184, Set 1V, Ex. 4.
2. " " " 197, " V, " 5.

(1) A offers $8,000 for a farm; B offers $9,500, to be paid at the end of 4 years. Which is now the better offer, and by how much, allowing 5 per cent. compound interest?

Amount of $8,000 in 4 yrs. $= 8,000 \times \$(1.05)^4$
$$= \$9,724.05$$

Therefore A's offer is better by $\$(9,724.05 - 9,500)$
$$= \$224.05.$$

(2) A man obtained an insurance for life at the age of 37, and died when 51 years old. The policy required annual payments during life at $2.8674 per $100, and secured to the heirs $1,709.69 more than the amount of all the premiums paid. What was the face of the policy?

Cost of $100 insurance $= 15 \times \$2.8674$
$$= \$43.011$$

$\$56.989 =$ Gain on $100 insurance

$$1 = \text{''} \quad \frac{100}{56.989}$$

$$1,709.69 = \text{''} \quad \frac{1,709.69 \times 100}{56.989}$$

$$= \$3000 \text{ nearly.}$$

QUERIST.—Is $x^4 \div 4y^4$ a factorisable quantity and if so what are its factors?

Will some of our readers answer this question?

SCHOOL AND COLLEGE.

A noteworthy addition has been made to our matriculation standard by rendering it necessary for candidates to pass an entrance examination in either French or German. The importance of a knowledge of these languages is becoming more and more recognized each day, and we must all feel that this measure marks a decided forward step in the history of our *Alma Mater.—King's College Record.*

We acknowledge that this is a step *forward*, but it would have been a step *upward* as well if laboratory work in science had been substituted for French or German.

The Church School for Girls at Windsor has 78 pupils, 72 of whom are boarders. This institution was never before in so prosperous a condition.

Mr. N. W. Brown, principal of the Superior school, Dorchester, N. B., received a handsome farewell card from their Excellencies Lord and Lady Aberdeen in recognition of the courtesy extended to them on visiting the school this year.

A Teachers' Association has been formed at Stanley, York County, under the presidency of Mr. W. L. McDiarmid. Teachers from this and adjacent districts meet regularly for the discussion of plans of school work and other educational questions.

Prof. Andrews, of Mount Allison University, that man of wonderful resources and endless ingenuity, has converted the windows from the Methodist church into a gothic hen house, which will make the biddies an extremely warm and sunshiny home for the winter. Mr. Andrews is well satisfied with the job, but is now beset with doubts as to whether the hens after occupying an ecclesiastical dwelling will still belong to the laity.—*Sackville Post.*

The Lunenburg *Argus* publishes a fine cut of the Lunenburg Academy, and calls attention to some interesting facts in connection with its history. It is stated to be "unquestionably the finest wooden building for school purposes in the Maritime Provinces. Its heating, ventilating and sanitary system is up to date, and gives perfect satisfaction. The laboratory is furnished with a supply of physical and chemical apparatus sufficient for the work required in grades B, C and D, and all the students have an opportunity of carrying on practical laboratory work. The library contains three of the best physiological and geographical charts published. There is a very creditable cabinet of mineralogical specimens, and a good collection of fossils. Of the 94 successful candidates from the whole county (July provincial examination) 38 were from this academy, viz., 6 B's, 17 C's and 15 D's. The academic staff consists of B. MacKittrick, B. A. (Dal.), Principal and teacher of mathematics; and A. H. Roop, M. A. (Acad.), vice-principal and teacher of English and classics.

Principal Brown and his two associates, Messrs. Welling and Girouard, of the Superior school, Dorchester, N. B., have tendered their resignation, to take effect at the close of the present term. Mr. Amos O'Blenus, of the Superior school, Salisbury, well known as a teacher of experience and skill, will take Mr. Brown's place.

The REVIEW extends congratulations to Inspector G. W. Mersereau on his promotion from the rank of captain to major in the 73rd Northumberland battalion.

The York County, N. B., Teachers' Institute will meet at Fredericton on Thursday and Friday, December 22nd and 23rd.

RECENT BOOKS.

To write a book on Love[1] is not the task that we would expect from one who is busily engaged in the world of politics or in such a practical, matter-of-fact profession as the law, but we find a man busily engaged in both, the Hon. J. W. Longley, Attorney General of Nova Scotia, putting aside the severer cares of the one, and the duties of the other, to express his views on this subject, and he does so with a courage that springs from the conviction that he has a message to deliver to his fellow-man, and his trade as a politician and a lawyer is not going to deter him from expressing his views on some of the spiritual phases of life. "Nothing which is wrong for a religious teacher to do can be right for a politician to do." Thus much of the man. Now for the subject. When a man chooses for his text—"Love is the essence of religion," he is pretty sure that he is starting right; but it may be like the Scottish dame who often averred her conviction that marriages were made in heaven. When one of her daughters formed a *mesalliance*, one inquired somewhat sarcastically of the old lady, what she thought now of her belief. "Yes, matches *are* made in heaven," was her reply, "but then ye ken some o'

[1] LOVE, by Hon. J. W. Longley, D. C. L., Attorney General of Nova Scotia, cloth, pages 158. The Copp, Clark Company, Limited, Toronto, 1898.