

66. Is the solution given in the *key* to prop. 8, page 270, McMurchy's *Advanced Arithmetic* correct? If not give an arithmetical solution and also one by symbolic arithmetic.

E. ROWLAND, Strathroy.

67. Is "Fare thee well" correct?

EDITOR.

68. Give a simple rule by which a school-trustee may lay off the side of a square-acre.

EDITOR.

ANSWERS TO CURIOSITIES.

Perfect Numbers. Euclid Bk. 9, prop. 36.

If from any power of 2, on subtracting unity there remain a prime number, multiply that remainder by half the said power, the product will be a perfect number.

Ex. $2^2 - 1 = 3$, $3 \times 2 = 6$ a perfect number.

$2^3 - 1 = 7$, $7 \times 4 = 28$ do do

$2^5 - 1 = 31$, $31 \times 16 = 496$ do do

$2^7 - 1 = 127$, $127 \times 64 = 8128$ do do

EDITOR'S DRAWER.

"HINTS ON TEACHING," will be inserted shortly.

"READING AS AN ART."—We purpose giving the second of Mr Lewis' valuable series of papers on this subject, in the June No.

RESIGNED.—We regret to learn that J. H. Hunter, Esq., M.A. has, in consequence of a misunderstanding with the School Board, resigned his position as Principal of the St. Catherines Collegiate Institute. Mr. Hunter is a teacher of great ability, and under his management the Institute has enjoyed a remarkable degree of prosperity. It will be difficult for the Board to replace his valuable services.

COUNCIL OF PUBLIC INSTRUCTION.—Already a number of candidates have been mentioned for the representation of the Teachers, Inspectors, and High School Masters, in the Council of Public Instruction. For the Inspectors, David Mills, Esq., M.P., and C. S. Wood, M.P. are spoken of. For the High School Masters, Dr. Daniel Wilson and J. H. Hunter, M.A., are mentioned. For the Teachers the names mentioned are D. Sinclair, Esq., M.P.P., Prof. Goldwin Smith, and Dr. J. H. Sangster. We notice that at the recent meeting of the Waterloo County Teachers' Association, Dr. Sangster was unanimously selected.

SUPERANNUATION.—A correspondent calls our attention to the fact, that teachers holding a First or Second Class Provincial Certificate, are entitled, when they become superannuated, to \$1 per annum extra for each year they have actually been engaged

in teaching. He regards this as a great injustice to many excellent teachers, not holding such certificates, who have labored long and faithfully in the cause of education. There does seem to be an injustice; but it is to be noticed that the allowance to such teachers is not at all diminished by the extra allowance to First and Second Class Teachers; and that this provision of the law may be valuable as an incentive to teachers to work for a higher certificate. But whatever may be the arguments pro and con, there is little use in any lengthy discussion now, as there is no probability of any important amendments in the school law for some years to come.

AGASSIZ MEMORIAL.—We have received a circular from James H. Barnard, Boston, in reference to the Agassiz memorial. "His friends, the friends of education, propose to raise a memorial to him, by placing upon a strong and enduring basis the work to which he devoted his life, the Museum of Comparative Zoology, which is at once a collection of natural objects, rivalling the most celebrated collections of the Old World, and a school open to all the teachers of the land. It is proposed that the teachers and pupils of the whole country take part in this memorial, and that on the birthday of Agassiz, the 28th day of May, 1874, they shall each contribute something, however small, to the Teachers' and Pupils' Memorial Fund, in honor of Louis Agassiz, the fund to be kept separate, and the income to be applied to the expenses of the Museum."