

(3) Solve $x^2 + y^2 + z^2 = 50$ (1)
 $yz + xy - zx = 7$ (2)
 $xy - yz - zx = 47$ (3)
 Multiply (2) by 2, $2yz + 2xy - 2zx = 14$ (4)
 Subtract (4) from (1) $x^2 - 2yx + y^2 - 2xy + zx + z^2 = 36$ (5)
 Factoring (5) $(x - y + z)^2 = 36$ (6)
 $x - y + z = \pm 6$ (7)
 Similarly by adding twice (3) to (1) we get
 $x + y - z = \pm 12$ (8)
 Adding (7) and (8) we get $x = 9$ or -9 or 3 or -3 (9)
 Put $\pm 3 = x$ in (8) $y - z = \pm 9$ (10)
 Put $\pm 3 = x$ in (1) $y^2 + z^2 = 41$ (11)
 From this we easily get $y = \pm 4$ and $z = \pm 5$
 or $y = \pm 5$ and $z = \pm 4$
 Thus squaring (9) $y^2 - 2yz + z^2 = 81$ (12)
 Subtracting (10) from (11) $-2yz = 40$ (13)
 Subtracting (12) from (10) $y^2 + 2yz + z^2 = 1$ (14)
 $y + z = \pm 1$
 Adding (14) and (9) $2y = 10$ or 8
 $y = 5$ or 4 , etc.

SCHOOL AND COLLEGE.

Arbor Day was observed in St. John and Charlotte Counties (Inspector Carter's district) on Friday, May 8th just the right time. The day was pleasant, weather dry, and the trees and shrubs in that condition of budding that would make the planting successful, if other conditions were observed. In St. John City the day was observed by plantings in window boxes, decorating rooms with a profusion of house plants, and lessons on plant life. The Horticultural Association planted trees on the squares, and many of the school children were allowed to participate, or be present as spectators.

We doubt not if town and village improvement societies would join forces with the schools on Arbor Day excellent results would follow.

Arbor Day will be observed in other sections of the province May 15th. Would it not be an excellent plan where teachers see that they can make improvements in the way of observing Arbor Day, to jot down notes while the subject is fresh in their minds, and begin to institute preparations now for next Arbor Day?

At a recent meeting of the executive of the Charlotte County Teachers' Institute it was decided to hold the meeting on the 17th and 18th of September at St. Stephen. The date was made earlier than usual in order to enable the Island teachers to attend. A good programme has been arranged, which will include some practical work, and, it is hoped, an address from one of the women trustees.

Mrs. John McGibbon and Miss Stevens have been appointed trustees for St. Stephen, and Mrs. W. D. Graham and Mrs. Irving Todd for Milltown. The appointments are regarded as excellent ones.

Inspector Carter hopes to visit the schools on the islands of Charlotte County during June.

At the close of his work of inspection in St. Stephen, Inspector Carter had a conference with the teaching staff. He also accepted an invitation to attend the first regular meeting of the school board at which the lady members were present.

Mrs. R. C. Skinner has, since her appointment as trustee, visited several of the city schools of St. John.

The Milltown school board has enacted that none but first class teachers be employed in future.

Many of the teachers of both sexes have invested in bicycles.

Mrs. Dever, wife of Senator Dever, has been appointed a school trustee for the city of St. John. This makes the full complement of eleven trustees—nine gentlemen and two ladies.

Arbor Day was observed in the Charlottetown schools on the 8th inst. with appropriate ceremonies.

Messrs. Parlee, Barry and Hay, the committee appointed to draw up a constitution for a teachers' association in St. John, having completed their work, called the first meeting on Saturday, April 25th. There was a large attendance of the city teachers. The constitution, as proposed, was adopted with a few amendments, and the original committee, together with nine additional members, was appointed to draw up a set of by-laws. It was decided to defer the election of officers until the next meeting, which will be called as soon as the committee is ready to report. Mr. Thos. Stothart acted as chairman, and Mr. M. D. Brown as secretary.

During the last month Inspector Carter invited the St. John School Board to confer with him and the city teachers. The invitation was accepted and one session ordered in the schools on that day. Mrs. R. C. Skinner and trustees Allen, White, Baskin and Gorman were