4.   From $\frac{7}{8}$ of a mile take $\frac{7}{16}$ of a furlong.

5.   A man who left an estate worth $65,000 bequeathed 8% to a church, 12% to an asylum, 4% to a college, 15% to missions, and the remainder to his three children in equal shares.   What is the value of each share ?

6.   Find the date of maturity, the term of discount, the bank discount, and the proceeds of the note given on the 10th June for $1500 at 90 days and discounted on the 23rd June at 6%.

7.   If I pay $72 for the loan of $200 for three years, how much must I pay at the same rate for the loan of $600 for 5½ years ?

8.   (a) How many board feet in a squared log 30 feet long and 10 inches square ?

(b) What will be the cost of covering a floor 24 feet long and 19 feet 6 inches wide with linoleum 36 inches wide at a cost of $1.20 per yard ?

9.   (a) Find the area of a right angled triangle the base of which is 24 feet, and the hypotenuse of which is 40 feet.

(b) The specific gravity of gold is 19.3.   A yellow metal said to be pure gold and weighing 32 5 ounces, weighs 29 2 ounces when immersed in water.   Is it pure gold ?

1C.   (a) Evaluate the expression—

$$a - \left\{ \sqrt{a+1} + 2 \right\} + (a - \sqrt[3]{a}) \sqrt{a-4} \text{ when } a = 8.$$

(b) Divide $a^6 - b^6$ by $a^3 - 2a^2 b + 2ab^2 - b^3$.

9 TO 10.30 A. M., TUESDAY, 6TH JULY.

DRAWING AND ACCOUNTS.

1.   The two sides of a triangle are 48 and 36, and the angle between them 65° ; construct the triangle and measure its remaining angles and side.

2.   Draw on any scale you choose, specifying the scale, an outline plan, showing the rooms, and position of doors and windows on the ground floor f a dwelling house.

3.   Draw any design you choose like any given in your drawing book.

4.   Draw a box showing the two sides and the top, with a bottle standing upon it.

5.   Draw any object observed in your "nature" or science lessons

6 and 7.   Draw out a simple form of Ledger with some illustrative entries of a form of bookkeeping which would be useful to a housekeeper.

8.   Which side of a Cash Book should be the greater, as a rule? If the other side should be greater when added up, what would it indicate ?

9.   Explain the terms : credit, inventory, balance, balance sheet, day book.

10.   (a) Write in your most beautiful hand, as an envelope address :

JAMES MACMILLAN & CO.,
Wholesale Importers,
69 to 75 Commerce St.,
Eldorado.

(b) Draw in plain print, or in ornamental print, the title of this paper—"Drawing and Accounts."

10.40 TO 12 A. M., TUESDAY, 6TH JULY.

GEOGRAPHY AND HISTORY.

(Only ten questions to be answered.)

1.   Name the provinces and territories of the Dominion. Give the boundaries of Quebec and rivers of Nova Scotia.

2.   Tell what you know about the movements of the sea.

3.   Give the location of the following places in the Dominion of Canada : Moncton, London, Vancouver, Summerside, Newcastle, Sherbrooke, Windsor, Brandon, Three Rivers, Hamilton, St. Stephen, Regina

4   Name the chief rivers of the United States, their direction and the waters into which they flow.

5   Draw an outline map of Europe, marking the counties and coast waters ; or, of South America with the rivers, the countries and their capitals marked.

6.   Describe any one of the following : China, Venezuela, New Zealand, Mexico, Ireland or Spain

7.   State what you know about the history of Louisburg.

S.   Tell what you know of the discovery and discoverers of North America.

9.   For what were the following personages celebrated : Cardinal Wolsey, Oliver Cromwell. Warren Hastings, Wellington.

10.   Name the Tudor sovereigns, with the dates of their accession, and describe the character of any one of them.

11.   State as many as you can of the more important improvements, inventions and discoveries during the reign of Queen Victoria.