3. Explain the following terms:-Latitude, Longitude, Meridan, Equator, Zone, Delta, Monsoon, Twilight.

4. Where and for what noted are the following :---Muskoka, Hearts-Content, Versailles, Hebrides, Pisa, Siberia, Potsdam, Poland, Hague, Hedjaz?

5. What cargo would a ship probably carry in sailing from Halifax to Kingston, Jamaica and what produce would she carry on her return voyage to Halifax? Thru what waters would the ship sail?

6. Draw an outline map of Prince Edward Island naming the Capes, Counties, and County towns.

7. The dependencies of Great Britain are classified as Empire, Colony, Crown Colony and Protectorate:—State the basis of this classification and name one or more in each class.

8. Name the provinces of Canada noted (a) for the production of wheat, (b) for the catch of fish, (c) for the production of minerals, (d) for manufacturing.

9. Name the great river systems of South America. Describe one of those systems; Or, What do you know about the German Colonies?

10. Write notes on South Africa from the following heads: position, climate, products, form of Government; Or, Write a note explaining the various ways in which Canada aided the Allies in winning the war.

ALGEBRA.-IX.

9 to 11 a. m., Wednesday, 25 June, 1919.

1. Find the value of 3 $x^2-2x+5-(2x^2+x-1)$, when x=0, also when x=2.

2. Solve $(2x-1)^2 - (x-3)(x-2) = 3(x-2)^2 - 4$.

3. Divide the product of x+2, 2x-3, 3x-2 by $3x^{2}+4x-4$ and check when x=1.

4. A father is 30 years older than his son; five years ago he was four times as old. Find the son's present age.

5. Solve and verify:
$$\frac{x+6}{4} - \frac{3x-16}{12} - 1 = \frac{x+3}{6}$$

6. Solve: $x + \frac{1}{5} y = y - 2$. $y + \frac{1}{5} x = x + 6$.

7. A farm was rented for \$650, part of it at \$6 and the rest at \$8 per acre. If the rates had been interchanged the rental would have been \$750. How many acres were in the farm?

8. Factor:
$$x^2 - 3x - 1^4$$
, $x_3^2 + x + \frac{1}{4}$, $2x^4 - 32$, $(x+y)^3 - y^2$.
1, x_3^4 2 3

9. Simplify:
$$\frac{1}{a^2+3} + \frac{2}{a^2+5} + \frac{3}{a^2+4} + \frac{3}{a^2+4}$$
 (Check when $a = 1$)

10. When a = 3, $b = 2\frac{1}{3}$, c = 2, find the value of

$$\frac{a^{2} b}{7} + \sqrt{7 a b (2 c^{2} - a b)} - (2 a - 3 b)^{2}.$$