

9. Tell what you know of the Great War beginning 1914; the nations taking part, in what parts of the world battles have been fought, Canada's part.

10. Give dates for Free Schools in Nova Scotia; Dominion of Canada formed; Treaty of Aix La Chapelle; Battle of Hastings; Massacre at Grand Pre; Battle of Waterloo. Name ruling English king at each date.

### MATHEMATICS.—VIII.

9 to 11 a. m., Friday, 29 June, 1917.

1. Multiply 7684321 by 698134. Answer of no value if not correct.
2. A merchant insured his stock for  $\frac{3}{4}$  of its value, at  $1\frac{1}{4}\%$ . The premium was \$91.50. What was the value of the stock?
3. Simplify 
$$\frac{2\frac{1}{2} + 3\frac{1}{2} + (4\frac{3}{4} \times 6\frac{3}{4}) - 6\frac{1}{2}}{3\frac{1}{4} + \frac{7}{8} + \frac{1}{2}}$$
4. How many meters are there in 300 yards? How many miles in 6 kilometers (1 meter equals 39.37 in.).
5. Find the simple interest on \$500 at 4% per annum, from January 1, 1916, to April 4, 1916.
6. How many yards of wire will be required to build a fence 5 wires high around a 12 acre field which is 60 rods long?
7. A School section is assessed for \$280,000. What amount does a rate-payer who is assessed for \$5,200 contribute towards the teacher's salary of \$700? What is the rate of taxation in that section?
8. If shingles are 4 in. wide and are laid 5 in. to the weather, how many hundreds will be required for a roof 40 ft. long and 16 ft. 8 in. from eaves to ridge?
9. (a) What is the value in dollars and cents of 160 yards of cloth at 8 shillings and six pence a yard? (b) What is the value in £ s. and d. of 438 pounds oatmeal at  $3\frac{1}{4}$  cents per pound?
10. When  $a=2$ ;  $b=3$ ; Evaluate:  
 (1);  $\sqrt{2(a^2 - b^2)(a + b) - 3(a^2 + b^2)} + \sqrt{5(b + a)}$   
 (2)  $\frac{(a + b)(b + a)}{(b - a)(b + a)} + a^2 - b^2.$