3. The King gives arms *to the consul.* The King comes *to the gates.* Give the Latin for the italicized words in these sentences.

Write the first ten numerals in both cardinal and ordinal forms.

4. Distinguish by writing two brief Latin sentences the respective constructions for *time when* and *time how long.*

Write a note on the governing power (case following) of the preposition *in.*

5. Translate into English: (1) Copiae conveniunt; bellum gerunt: incolas terrent: (2) Sabini auxilium ab reliquis incolis Italiae petiverunt: (3) Neuter ducum proelium committere audebit: (4) Alio tempore conveniunt: (5) Post diem septimum revocatus est.

6. Translate into English: (1) Parem numerum pedum omnes homines habent: (2) Tertiam partem Galliae paucos annos obtinueramus: (3) Tota castra hominibus complentur: (4) Imperator longum spatium aberat: (5) Proximo die castra in alium locum mota sunt.

7. Render into Latin: (1) He led the forces which he had collected into the territory (lines) of the Germans: (2) Ambassadors were sent by all the barbarians: (3) At daybreak he sent a multitude of ships. (4) Some counsels are useful for the State, others dangerous: (5) All that year they kept fighting.

8. Render into Latin: (1) The troops were moved by hope of plunder: (2) Two legions, the third and tenth, are drawn up: (3) He ordered his lieutenant to attack the Germans: (4) They had stood continuously for six hours.

GRADE IX.

ARITHMETIC.—IX.

3 to 5 p. m. Monday, 28 June, 1915.

1. Find to the nearest cent the value of £460. 10s. 8¾d., exchange being at par.

2. Find the value, correct to 2 decimal places, of

$$\frac{15+\sqrt{10}}{15-\sqrt{10}} + \frac{30-\sqrt{10}}{15+\sqrt{10}}.$$

3. Sixty yds. of carpet 27 inches wide, are bought to cover a room 23 ft. 6 ins. by 18 ft. The carpet costs 4s. 6d. per yd., and the remnant was sold at 3s. 4d. per yd. What was the cost of carpeting the room?

4. Ether boils at 95°F, and mercury boils at 662°F. Reduce these temperatures to the centigrade scale.

5. A lawn 84 ft. long and 43 ft. broad is surrounded by a gravel path 4 ft. wide. How many loads of gravel, of a cubic yard to the load would cover the path to a uniform depth of 3 in., and how much would the gravel cost at 90 cents a load.

6. A blend of 3 sorts of tea was made with 7 lb. at 20 cents, 8 lb. at 25 cents and 9 lb. at 33⅓ cents. At what must the blend be sold per lb. so as to make 6¼% profit.

7. If the manufacturer makes a profit of 20%, the wholesaler 10% and the retailer 25%, what is the cost to the manufacturer of an article which retailed at $77.

8. A note of $900, dated Sept. 1st, 1895, had the following endorsements: Oct. 18th 1895, $150; Dec. 22nd, 1895, $200; March 15th, 1896, $300. Interest being at 7%, what was due on the note July 19th, 1896?