4. Write brief sentences in Latin illustrating the following constructions: (1) Time how long. (2) Time when. (3) Ablative of Comparison. (4) Ablative of Agency. (5) Ablative of Means. (6) Dative with adjectives.

5. Translate into English: (1) In itinere per exploratores de salute legionis cognoscit. (2) Bellum cum populo Romano gerere non audemus. (3) Non ac-quum est Gallos agros sociorum vastare. (4) Servi venire jussi sunt. (5) Jussus sum a legato omnes copias ex hibernis educere.

(2)Translate into English: (1) Omnem spem salutis in virtute ponimus. Tum Horatius a Romanis incolumis ad castra reductus est. (3) Multis militum nihil notum erat. (4) Omnes superiores dies summum montem tenebat. (5) Res publica navi similis esse dicitur.

7. Translate into Latin: (1) We hastened from the city to the mountain.
(2) The Gauls laid waste the Province. (3) The camp was filled with soldiers.
(4) They are friendly and faithful to Caesar. (5) On the third day they moved the camp. the camp.

Translate into Latin: (1) At day break he led forth the troops. (2) The Gauls hold the top of the mountain. (3) The middle of the island was unsuited (inutilis) for inhabitants. (4) He had ordered the army to be distributed more widely. (5) A thousand horsemen have been sent three thousand horsemen will be cont will be sent.

ARITHMETIC.--IX.

3 to 5 p. m., Thursday, 27 June, 1918.

1. (a) Define: Abstract number, concrete number. (b) To which of these two classes does the multiplier belong, and why? (c) Discuss the quotients obtained, first, when \$25 is divided by 5, and secondly, when divided by \$5,

How would you show that the value of a fraction is not altered by multi-2. plying or by dividing its terms by the same number.

Find the value of $\sqrt{-}(\frac{1}{2}+\frac{1}{14}+10\frac{1}{21})$ to four decimal places. 3.

4. If a school-room is 26ft. long and 20 ft. wide, how many children will it accommodate, allowing for each of them 8 sq. ft.? And if the room be 10 ft. 4 in, high, what cubical space is there for each? high, what cubical space is there for each?

The walls of a room 22 ft. 6 in. long, 13 ft. 5 in. wide, and 9 ft. high are inted. Deducting 10 are stat to be painted. Deducting 10 sq. yds for windows, &c., what will be the cost at 75 cts. per so. yd.?

6. A person owes \$15,000 bearing interest at 5% per annum; he pays at the end of each year for interest and in part payment, \$2,500. Find the amount of his debt at the end of the third year

A merchant buys 1000 lbs. of tea at 35 cents per lb. He pays 20% duty, for freight and other expenses and \$30 for freight and other expenses. At how much per lb. He pays $20\%^{00}$ the tea to gain $33\frac{1}{5}\%$ on his outlay? tea to gain 333% on his outlay?

8. If a piece of silk cost \$1.60 per yard, at what price shall it be marked that the merchant nfay sell it at 10% less than the marked price, and still have 20% profit?