

6. If two circles cut one another, any two straight lines drawn through a point of section, making equal angles with the common chord, and terminated by the circumferences, are equal.

7. Divide a straight line, 4 inches long, internally in medial section. Measure the greater segment, and find its length algebraically.

8. In a triangle ABC perpendiculars AP , BQ are drawn from A and B to the opposite sides, and intersect at O : Prove that $AO \cdot OP = BO \cdot OQ$.

GERMAN.—XI.

11 a. m. to 1 p. m., Tuesday, 22 June, 1920.

1. Decline in the 4 cases singular and plural the articles: *der, die, das*. Translate: The pupils of the teacher; the apples of the garden; the mother of the girl; to the teacher of the children.
2. Translate: Die ganze Nacht hindurch arbeitete der Schmied, und wenn er mit dem grossen Hammer das Eisen zusammenschlug, sprach er bei jedem Schlag: Landgraf, werde hart Landgraf, werde hart wie dies Eisen und schalt ihn, und sprach weiter: Du böser, unseliger Herr, was nüttest du mit deinem Leben den armen Leuten."
3. Give principal parts of: *haben, sein* and *werden*. Illustrate by short examples the use of *werden* as an *independent* verb.
4. Translate: Der Geiger spielte mit der grössten Begeisterung. Plötzlich aber legte er die Geige in des Alten Hand, nahm seinen Hut, nickte ihm freundlich zu, und ehe der alte Mann ein "Gott vergelts und ein, "Dank schön" sagen konnte, war er verschwunden.
5. Show that the *adverb* cannot stand, as in English, between the subject and the verb, and translate for example: We generally dine at six o'clock. The position of the *adverb*, however, is the same in a certain case: explain and translate: He says that they generally dine at six o'clock.
6. Compose three complex sentences, the *dependent* clauses of which are: (a) A *noun*-clause; (b) an *adverbial* clause; (c) an *adjective* clause. If a *dependent* clause precedes the *principal*, how does it affect the *principal* verb? Translate: When I arrived yesterday, it was quite dark.
7. Translate: Da ertönt ein furchtbarer Schlag,—die eisernen Thorflügel fahren zu. Entsetzt stieben die Wölfe auseinander, stürzen nach dem Thore, und da dieses geschlossen ist, rennen sie verzweiflungsvoll nach allen Seiten—die Wölfe erkennen, dass sie gefangen und verloren sind.
8. What class of conjunctions causes *inversion* of the verb? Name a few conjunctions of this class, and translate: It is raining, therefore I shall quietly stay at home.
9. Give principal parts of: *schlafen, schreiben, geben*. Which verbs reject the augment *ge* in the *past participle*? Write a sentence in illustration. Translate: My friend gave me a dollar for the poor. He had not written this letter an hour ago.