

Nicola Tesla was born on / 10 July of 1856 in Similjan, / presently called Croatia.// His **primary education** started / at a primary school in Similjan.// Then he **attended** a high school / in Karlovac, / where he studied in German language.// While studying there, / one day he became interested in electricity / by seeing **practical demonstrations** of it by a physics teacher.// Tesla was so **genius** / that he found **solutions** / to difficult problems of **integral calculus** / in his head / without using pen and paper, / and the teachers would think he was **cheating**./

In 1875, / Tesla **enrolled** at the Imperial-Royal Technical College / in Graz.// However, / he could not complete his studies.// In 1882, / Tesla joined the Continental Edison Company / to work with Thomas Alva Edison, / the **inventor** of light bulb, photograph, and motion picture camera.// Tesla was **assigned** to design **generating** dynamo and motor, / which he successfully completed.// However, / Edison did not give Tesla the **promised** payment.// Furthermore, / in terms of **experiment** methods and ideas, / Tesla and Edison were two very different types of people.// Therefore, / Tesla left Edison's company.//

ニコラ・テスラは生まれた / 1856年7月10日にスミリヤンで / 現在のクロアチアの // 彼の最初の教育は始まった / スミリヤンの小学校で // その後、高校に通った / カルロヴァツの / そこでドイツ語で学んだ // その学習で / 彼は電気に興味を持つようになった / 物理の教師による電気に関する実験を見たことで // テスラは天才であり / 積分計算の難しい問題を / 頭の中で解決してしまう / ペンや紙を使わずに / 教師たちは彼がカンニングをしているかと思っていました //

1875年 / テスラは、王立工科大学に入学した / グラーツの帝国の / しかし / 学業を完了することはなかった // 1882年に / テスラはコンチネンタル・エジソン社に入社した / トーマス・エジソンの下で働くため / 彼は電球、写真、映画カメラの発明者だ // テスラは発電機とモーターの設計を担当し / これを成功させた // しかし / エジソンはテスラに約束された報酬を支払わず / さらに / 実験方法やアイデアに関しては / テスラとエジソンは全く異なる考え方を持っていました // そのため / テスラはエジソンの会社を辞めました //

Vocabulary and Phrases

primary	初歩的な、主要な
education	教育
attend	参加する
practical	実用的な
demonstration	実演
genius	天才
solution	解決策
integral	不可欠な、統合された

calculus	微積分
cheat	だます
enroll	登録する、入学する
inventor	発明家
assign	割り当てる
generate	発生させる、生成する
promise	約束する
experiment	実験

Tips "Who is Nichola Tesla?"

Nicola Tesla was an American and Serbian inventor, an electrical engineer as well as a mechanical engineer. He is well known for his AC current discovery. His other inventions, like the Tesla coil and the induction coil radio technology, are also famous and used even today.

LISTENING FILL IN THE BLANKS

先生の音読を聞いて、正しい単語をうめましょう。

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In 1875, Tesla _____ at the Imperial-Royal Technical College in Graz. However, he could not _____ his studies. In 1882, Tesla joined the Continental Edison Company to work with Thomas Alva Edison, the _____ of light bulb, phonograph, and motion picture camera. Tesla was _____ to design generating dynamo and motor, which he _____ completed. However, Edison did not give Tesla the _____ payment. Furthermore, in terms of _____ methods and ideas, Tesla and Edison were two very _____ types of people. Therefore, Tesla left Edison's company.

単語を並び替えて英語にしましょう。(一語不要) ➡書けたら声に出しましょう。
ただし、先頭の大文字から始める単語も小文字になっています。

- 夫が私に誕生日プレゼントをくれました
(for / me / my / gave / a birthday present / husband) .

- 私の母は昨晚、私にメールを送りました。
(my mother / an e-mail / last night / sent / me / for / to) .

- 私は以前にそのことを聞いたことはない。
(before / I / it / never / heard of / heard / have) .

- 東京に何回行ったことがありますか？
(how / to / have / you / times / often / many / been / Tokyo) ?

- ショッピングモールは人々で混みあっていました。
(was / crowded / the mall / with / crowd / people) .

- 私のお母さんは1980年に生まれました。
(mother / born / in / my / is / was / 1980) .

裏面の問題は音読を毎回 40 分以上反復してから挑戦しましょう