

CS2 Unit 4 Grammar and Vocabulary Activities, based on Japanese Scientist 9 (p. 49)

Combine the words and their meaning.

[Pair Work] A: Will you please tell me what X means? B: Yes. The {verb | noun | adjective} X means

<i>words</i>	<i>definitions</i>
noble	a baby
adopt	a person who is taught skills by an expert
infant	to do something before someone else
prodigy	belonging to a family of high social rank
anticipate	a young person who is unusually intelligent or skillful for their age
pupil	to take someone else's child into your family and become its legal parent(s)

Ask *wh*-questions to find the underlined information. Answer them with SA + FU.

1. Takakazu Seki was born in 1642.
2. Takakazu Seki was adopted by a noble family named Seki.
3. Takakazu Seki was an infant prodigy in mathematics. → In what field ...?
4. Takakazu Seki anticipated many of the discoveries of Western mathematics.
5. Takakazu Seki anticipated many of the discoveries of Western mathematics.
6. Takakazu Seki studied determinants in 1683.

Pair work example: Takakazu Seki was born in Fujioka, Japan.

A: Do you know where Takakazu Seki was born? B: Yes. He was born in Fujioka, Japan.

Combine the two sentences with a relative pronoun.

7. The boy was adopted by a noble family named Seki. He was born into a samurai warrior family during the Edo period.
8. The name derives from the family who adopted him. Takakazu Seki is now known by the name.
9. Seki was an infant prodigy. He was introduced to mathematics by a servant.
10. Seki was an infant prodigy in the field. He was introduced to it by a servant.
11. In 1685, Seki solved a cubic equation. Horner solved it a hundred years later.

Turn the sentences into the passive voice.

12. A noble family named Seki adopted him at an early age.
13. A servant in the household introduced Seki to the topic.
14. Seki studied determinants in 1683.
15. People use determinants to solve simultaneous equations.
16. Seki discovered Bernoulli numbers before Jacob Bernoulli.
17. People credit Seki with major discoveries in calculus.

Add *is said to* to each sentence below. (Look at the examples on page 52.)

Add *seem to* to each sentence below. (Look at the examples on page 52.)

Add *may* to each sentence below. (Look at the examples on page 52.)

18. The name Seki derives from the family who adopted him.
19. Takakazu Seki is credited with major discoveries in calculus.
20. Takakazu Seki was born into a samurai warrior family during the Edo period.
21. Takakazu Seki was an infant prodigy in mathematics.
22. He was self-educated in mathematics.
23. Takakazu was introduced to the topic by a servant in the household.
24. The servant realized the talent of the young boy.
25. Takakazu Seki anticipated many of the discoveries of Western mathematics.
26. He was the first person to study determinants in 1683.
27. Seki's way of solving simultaneous equations was more general than Leibniz's way.