

analysis

noun

#4

▶ Say it: a • nal • y • sis Write it: _____

Academic Vocabulary Toolkit

Meaning

an examination of something in order to understand it

Synonym: study

Example

A scientific **analysis** of the city's _____ water did not show a _____ number of pollutants.



Forms

- **Singular:** analysis
- **Plural:** analyses

Family

- **Noun:** analyst
- **Verb:** analyze
- **Adjective:** analytical

Word Partners

- conduct an _____ of something
Researchers are **conducting an analysis of** the levels of mercury in local ponds and rivers.
- give a critical _____ of something
Jacob's paper **gave a critical analysis of** the themes in *To Kill a Mockingbird*.
- scientific _____
A **scientific analysis** of the human genome may give us insight into preventing diseases such as cancer.

Verbal Practice

Talk about It Read each sentence and think about how you would complete it.

Discuss your idea with your partner using the sentence frame.

Listen carefully to your partner's and classmates' ideas.

Write your favorite idea in the blank.

1 News journalists provide **analyses** of events around the world, such as _____.

2 In English class, we had to give a critical **analysis** of _____.

Writing Practice

Collaborate Work with your partner to complete the sentence using the correct form of **analysis** and appropriate content.

It would be interesting if our science class conducted an _____ of the _____ near our school to determine whether or not it is polluted.

Your Turn Work independently to complete the sentence using the correct form of **analysis** and appropriate content.

When giving critical _____ of literary works such as _____, you should consider the _____ in which they were written.

Be an Academic Author Work independently to write two sentences. In your first sentence, use **analysis** in the *plural form*. In your second sentence, use **analysis** in the *singular form* and include a word partner.

① _____

 ② _____

grammar tip

Some nouns have irregular plural forms.

analysis—analyses
 child—children
 person—people

Write an Academic Paragraph Complete the paragraph using the correct form of **analysis** and original content.

DNA _____¹, or DNA fingerprinting, is a technique that scientists have used since the late 1980s to identify people based on their DNA makeup. This process begins by _____² a sample of DNA from a person, usually in the form of saliva, blood, or hair. Scientists analyze the DNA in a laboratory and then use the _____³ to identify people. For instance, police investigators may want to _____⁴ that someone committed a crime by comparing the DNA of a suspect to DNA that they _____⁵ at a crime scene. Other times, people want to know if they are related to _____⁶ by comparing their DNA to that person. DNA _____⁷ is nearly 100 percent accurate, but it's not foolproof—it is impossible to distinguish identical twins from one another using this method because they share the same DNA.