

theorem1. ['θiərəm] *n*

теорема

by theorem - по /согласно/ теореме

reciprocal theorem - обратная теорема

to prove the theorem - доказать теорему

2. ['θiərəm] *v редк.*выражать посредством *или* в форме теоремы**theorem**

Oxford Advanced Learners Dictionary 8th Ed.

the-orem [theorem theorems] *BrE* ['θiərəm] ^m *NAmE* ['θiːərəm] ^m *NAmE*['θiərəm] ^m **noun** (technical)

a rule or principle, especially in mathematics, that can be proved to be true

• a mathematical theorem

• Pythagoras' theorem

Word Origin:mid 16th cent.: from French *théorème*, or via late Latin from Greek *theōrēma* 'speculation, proposition', from *theōrein* 'look at', from *theōros* 'spectator'.Collocations:**Scientific research***Theory*

formulate/advance a theory/hypothesis

build/construct/create/develop a simple/theoretical/mathematical model

develop/establish/provide/use a theoretical/conceptual framework

advance/argue/develop the thesis that...

explore an idea/a concept/a hypothesis

make a prediction/an inference

base a prediction/your calculations on sth

investigate/evaluate /accept/challenge /reject a theory/hypothesis/model

Experiment

design an experiment/a questionnaire/a study/a test

do research/an experiment/an analysis

make observations/measurements/calculations

carry out/conduct/perform an experiment/a test/a longitudinal study/observations/clinical trials

run an experiment/a simulation/clinical trials

repeat an experiment/a test/an analysis

replicate a study/the results/the findings

observe/study/examine /investigate/assess a pattern/a process/a behaviour/(especially US) a behavior

fund/support the research/project/study

seek/provide/get/secure funding for research

Results

collect/gather/extract data/information

yield data/evidence/similar findings/the same results

analyse/examine the data/soil samples/a specimen

consider/compare/interpret the results/findings

fit the data/model

confirm/support/verify a prediction/a hypothesis/the results/the findings

prove a conjecture/hypothesis/theorem

draw/make/reach the same conclusions

read/review the records/literature

describe/report an experiment/a study

present/publish/summarize the results/findings

present/publish/read/review /cite a paper in a scientific journal

Example Bank:

• Despite major advances in science, the theorem still holds.

• Work out the answer using Pythagoras's Theorem.

• You first need to establish the first part of the theorem.

theorem

Longman DOCE 5th Ed. (En-En)

theo·ri·em /'θiərəm \$ 'θiːə- *BrE* ^m *AmE* ^m **noun** [countable][Word Family: **noun**: ↑theorist, ↑theory, ↑theorem, theoretician; **verb**: ↑theorize; **adverb**: ↑theoretically; **adjective**: ↑theoretical]

[Date: 1500-1600; Language: Late Latin; Origin: theorema, from Greek, from theorein; ⇒ ↑theory]

technical a statement, especially in mathematics, that you can prove by showing that it has been correctly developed from facts ⇒ **proof**

theorem12500 **8955**^{MCW}15000 **10490**^{COCA}RANGE: **9k** **THEOREM** ⁶⁰⁴theorem ⁴⁸¹theorems ¹²³

COCA 500k Unlemmatized

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