

Identify each type of sentence.

- Does taking a test improve your skills?
question
- The water striders on the pond seemed agitated.
statement
- Dad, I'd really like to go to the game tonight, if it's all right with you.
request
- Hi.
exclamation
- Bring a pencil.
command

Classify each verse as universal or particular and as positive or negative.

- They are all mighty men (Jeremiah 5:16).
universal positive
- How is it that ye do not understand? (Mark 8:21).
particular negative
- The men that held Jesus mocked him, and smote him (Luke 22:63).
particular positive
- Neither shall any man pluck them out of my hand (John 10:28).
universal negative

Classify each statement below as true or false. For any false statement, give an example that proves its negation.

- No president of the United States has ever been assassinated.
False; Lincoln, Garfield, McKinley, or Kennedy
- All mammals have hair.
True

Show the truth table for the following stages in the proof that $S = \sim(\sim S)$.

12. S

S
T
F

13. $\sim S$

S	$\sim S$
T	F
F	T

14. $\sim(\sim S)$

S	$\sim S$	$\sim(\sim S)$
T	F	T
F	T	F

Give the negation of each statement.

15. He has an eye for detail.
He does not have an eye for detail.
16. All plants are green.
Some plants are not green.
17. Some state capitals are coastal.
No state capitals are coastal.
18. No state capitals are large cities.
Some state capitals are large cities.
19. Some plants are not edible.
All plants are edible.

Answer the question.

20. Explain the significance of John 17:17 to the study of logic.
It asserts that all of Scripture is truth.