CLASS: Classical Cases

Due Feb 9 at 11:59pm **Points** 2 **Questions** 2 **Time Limit** None
Allowed Attempts Unlimited

Instructions

This CLASS assignment is a introduction to two classical cases.

You have multiple attempts in answering the question

Chapter 4 note (https://www.youtube.com/watch?v=L8LTE2xgm9g&list=PLiwEbczHeZcuf7VyebtyKcVDqfViUkqfh&index=2)

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	2 minutes	2 out of 2

Correct answers are hidden.

Score for this attempt: **2** out of 2
Submitted Feb 9 at 5:13pm
This attempt took 2 minutes.

Question 1 — 1 / 1 pts

Watch me and take note: Classical Cases (https://www.youtube.com/watch?v=OgpOowkv50Q)

Now answer the following question:

In proving the irrationality of $\sqrt{2}$ which method was used?

- Direct Proof
- Counter example
- Contradiction
- Contraposition

Question 2

1 / 1 pts

Watch me and take note: Classical Cases (https://www.youtube.com/watch?v=OgpOowkv50Q)

Now answer the following question:

In proving the irrationality of $\sqrt{2}$ what condition caused the contradiction?

- The assumption that it is rational
- The fact that the numerator and denominator has a common factor (2)
- The fact that the numerator and denominator has a common factor (k)

Quiz Score: **2** out of 2