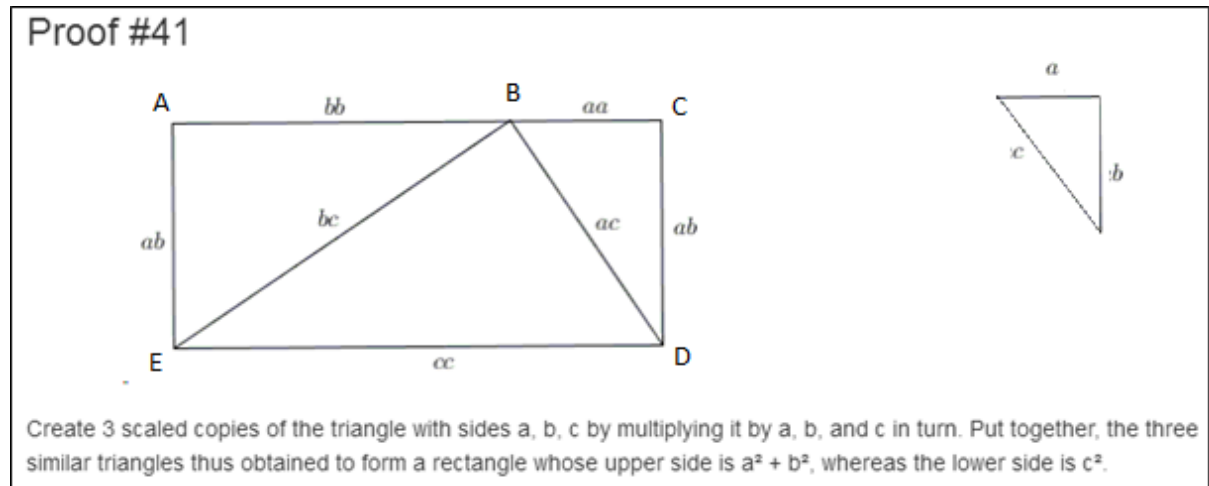**The topic is the Pythagorean theorem.**

1. Explain to the jury what you know about this famous theorem.

2. Explain the proof given in the video "The Simplest Way To Prove the Pythagorean Theorem"

3. Here is an extract from a website dedicated to the subject where another proof is given:

Create 3 scaled copies of the triangle with sides a, b, c by multiplying it by a, b, and c in turn. Put together, the three similar triangles thus obtained to form a rectangle whose upper side is a² + b², whereas the lower side is c².

Using angles $\angle ABC$ and $\angle AED$, explain why $ACDE$ is indeed a rectangle and conclude.

4. You can finish your presentation by telling the jury every detail you know about Pythagoras himself and his school.

Sources:

-   *Youtube channel "**Explorium**"*
    https://www.youtube.com/watch?v=NSd4A4Qqh50

-   *The internet website "Cut The Knot"*
    https://www.cut-the-knot.org/pythagoras/