

A Comparison of Reproduction Types

What could you infer about these spider plantlets based on the video and graphic shown below? Please place a "T" for "True" next to any statements that would be correct for the graphic represented below.

- _____ 1. All of the plantlets are identical to the parent plant.
- _____ 2. All of the plantlets are identical to each other.
- _____ 3. The plantlets have a different **genetic code** from the parent plant.
- _____ 4. This represents **asexual reproduction**.
- _____ 5. This specific process involves **gametes**.
- _____ 6. The plantlets are the same size as the parent plant.
- _____ 7. This specific process involves a male and female plant.
- _____ 8. The plantlets are **uniform**.
- _____ 9. There is **genetic variation** among the plantlets.
- _____ 10. Each plantlet is a **clone** of the parent plant.
- _____ 11. This represents **sexual reproduction**.
- _____ 12. This type of reproduction also includes **binary fission** and **budding**.
- _____ 13. This requires two organisms to produce offspring.
- _____ 14. This requires only one organism to produce offspring.
- _____ 15. The **DNA** would be the same in the parent plant and offspring.
- _____ 16. **Fertilization** occurs in this type of reproduction.


