Testing Principles

Verification confirms software product works correctly. *Are we building the product right?*

Validation confirms software products works according to the specifications, and therefore, the client's requirements. *Are we building the right product?*

V & V refers to the twin of verification and validation. Just like Love and Marriage, one must go with the other.

Testing must be integrated into the software process

Execution-Based Testing relies on running the program.

Non-Execution-Based Testing relies on reviews, or sometimes formal analysis.