Proof = Explanation why a statement is true.

Direct Proof Indirect Proof Induction Proof

Sets Counting Functions Counting

= pheans "is" Statement = a sentence that is either true or false Cannot be both true & false A statement is specific A statement is not subjective Definitions are very important Cannot confirm if true or false unless all things are chearly defined & have one definition. Proof -> Create a definition -> find examples /enderce

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Pi (J. are Statements Z PiQ true if both PiQ true Por Q false only if both PiQ are false if p then Q false only when P is tree 3 Q is false if p is false then the statement is true. Vacus truth