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what is the difference between proof and logic [wikidiff](#) Nov 10 2021 web as nouns the difference between proof and logic is that proof is countable an effort process or operation designed to establish or discover a fact or truth an act of testing a test a trial while logic is uncountable a method of human thought that involves thinking in a linear step by step manner about how a problem can be solved

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write with concepts now those symbols are often designed to align really well with truth so the two mix relatively well the thing is
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2 5 logical equivalences mathematics libretxts Sep 08 2021 web two logical formulas p and q are logically equivalent denoted $p \equiv q$ defined in section 2 2 if and only if $p \equiv q$ is a tautology we are not saying that p is equal to q since p and q represent two different statements they cannot be the same what we are saying is they always produce the same truth value regardless of the truth values

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