Geometry Chapter 2 Vocab

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| **Across****3.** A proof where the reasoning is written in a paragraph, like an english paper**5.** 'Not p', '~p'**8.** Hypothesizing that something is true because certain cases are true**14.** What comes out of exchanging AND negating the hypothesis and conclusion of a conditional**16.** A statement that we think is true**17.** Statements with the same truth value**18.** The 'Then' or 'q' part of a conditional statement**19.** A polygon with three sides**20.** Something that proves a statement/conjecture false**21.** A proof that uses boxes and arrows to show the reasoning**22.** A statement's truth value is either T or F**23.** An 'if p, then q' statement with p as the hypothesis and q as the conclusion | **Down****1.** A proven statement**2.** A closed figure in a plane with at least three sides and three angles**4.** Using logic to draw conclusions**6.** What comes out of exchanging the hypothesis and the conclusion of a conditional**7.** An 'if p, then q' statement**9.** A polygon with four sides**10.** A proof where the statements are in the right column and the reasons are in the left.**11.** The 'If' or 'p' part of a conditional statement**12.** It describes an object in math and can be written as a biconditional statement**13.** What comes out of negating the hypothesis and conclusion of a conditional**15.** Using logic to prove that statements are true, using statements and reasons |