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## Math vocab for chapter 2



## Across

2. proving something using a paragraph
3. a figure that has 3 sides and 3 angles
4. writing reasoned explanations to prove something
5. When you switch the hypothesis and conclusion of a conditional statement
6. A statement that is written in the form of if and only if
7. making something the opposite
8. type of reasoning found true most of the time
9. a figure with 4 sides
10. finding if something is true or false
11. When you give an example of why something is false

## Down

1. Two statements that have the same truth value
2. A valid form of proof
3. Telling about something
4. When you apply both the converse and inverse to a conditional statement
5. The part that comes after if in a conditional statement
6. Something that people believe to be true
7. A statement that is written in the form of if $p$, then $q$
8. a figure with at least 3 straight sides or angles
9. method of organizing proofs in 2 colums
10. map that shows statements and resons
11. Negating the hypothesis and conclusion of a conditional statement 18. The part that comes after $q$ in a conditional statement
12. something that has been proved
