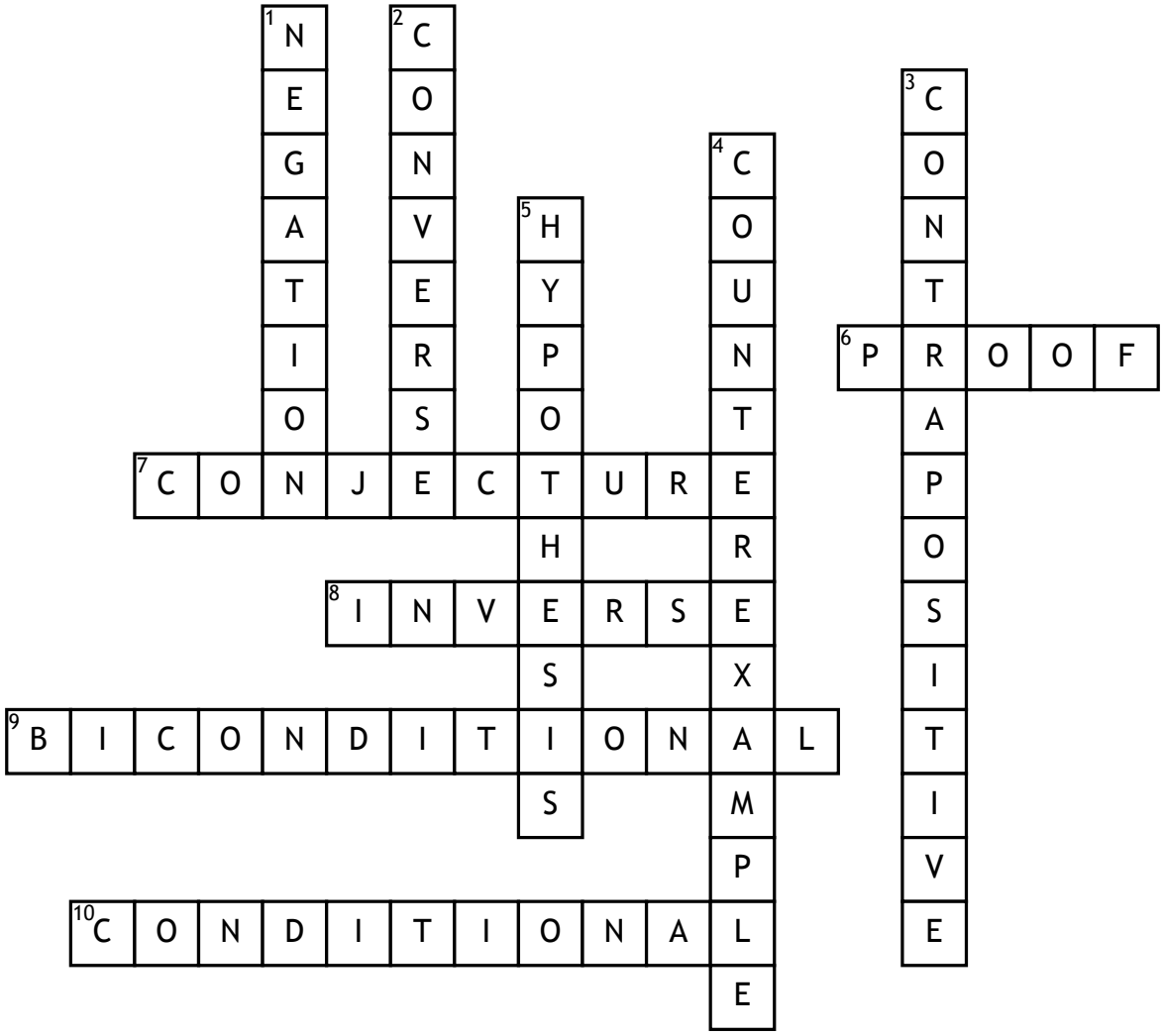
Name: _____

Proving angles are congruent



Across

6. A logically constructed argument that shows why a conjecture is true

7. a conclusion one reaches using inductive reasoning

8. a statement that negates both the hypothesis and the conclusion of a given conditional statement

9. a true statement that combines a true conditional statement and its true converse

10. also known as an "if-then" statement

Down

1. When you change the truth value of a given conditional statement, you get a ___?

2. a conditional statement that exchanges the hypothesis and conclusion

3. this variation of a conditional statement always shares the same truth value as the original conditional statement

4. an example that shows why a conjecture is wrong

5. this is part of a conditional statement comes after the word "if" in "if-then" form