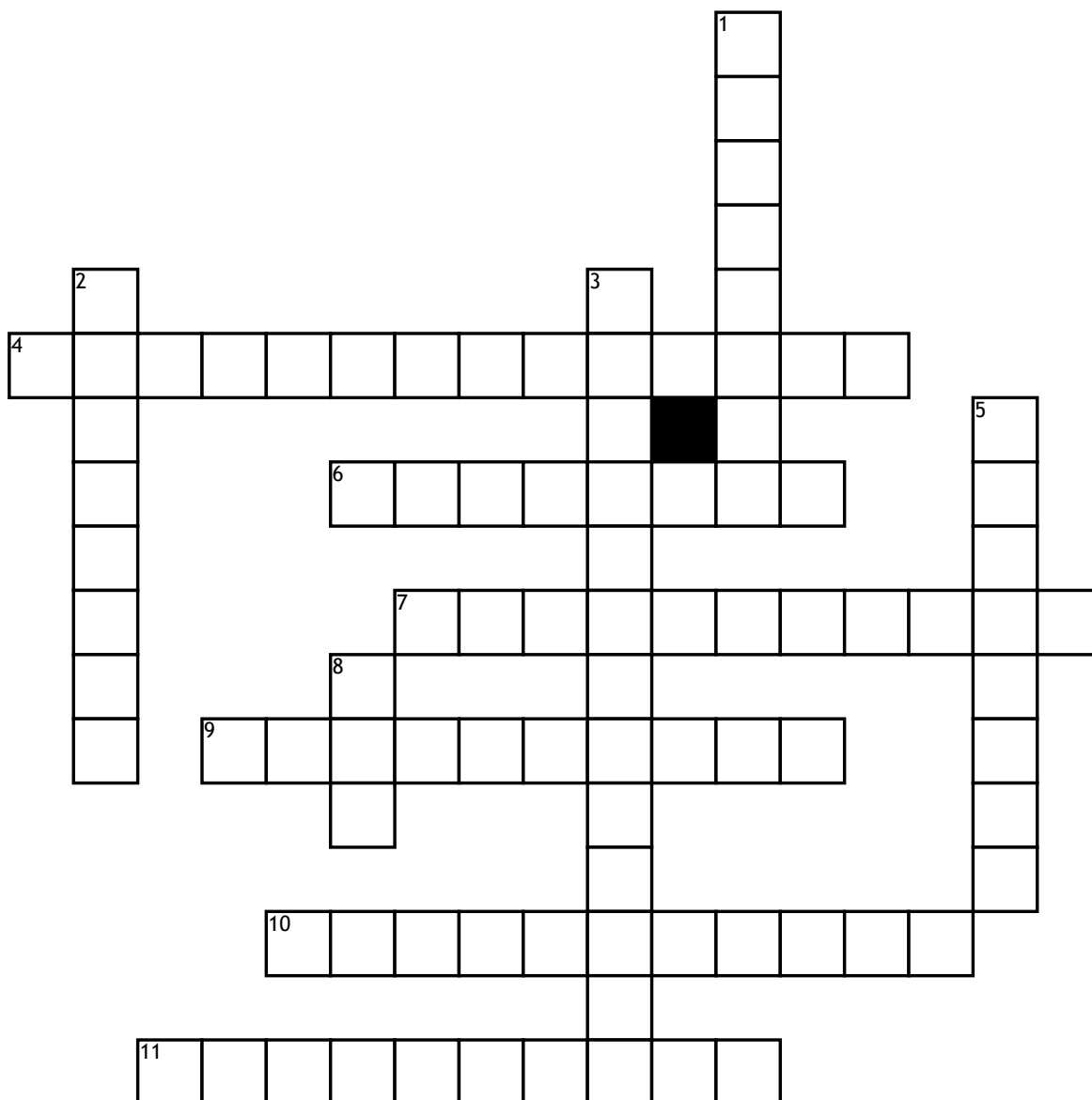


Name: _____

Date: _____

Proofs and Logic



Across

4. This is formed by negating and switching the hypothesis and conclusion

6. _____ statements are two or more statements joined by the words "or" or "and".

7. _____ statements are written in if-then form.

9. A concluding statement reached using inductive reasoning

10. Statements joined by the word or

11. Can be either true or false

Down

1. A _____ of a statement has the opposite truth value

2. This is formed by switching the hypothesis and conclusion

3. A _____ statement requires that both the conditional and converse of a statement are true.

5. An inverse is formed by _____ the hypothesis and conclusion.

8. Conjunctions are joined by the word _____.