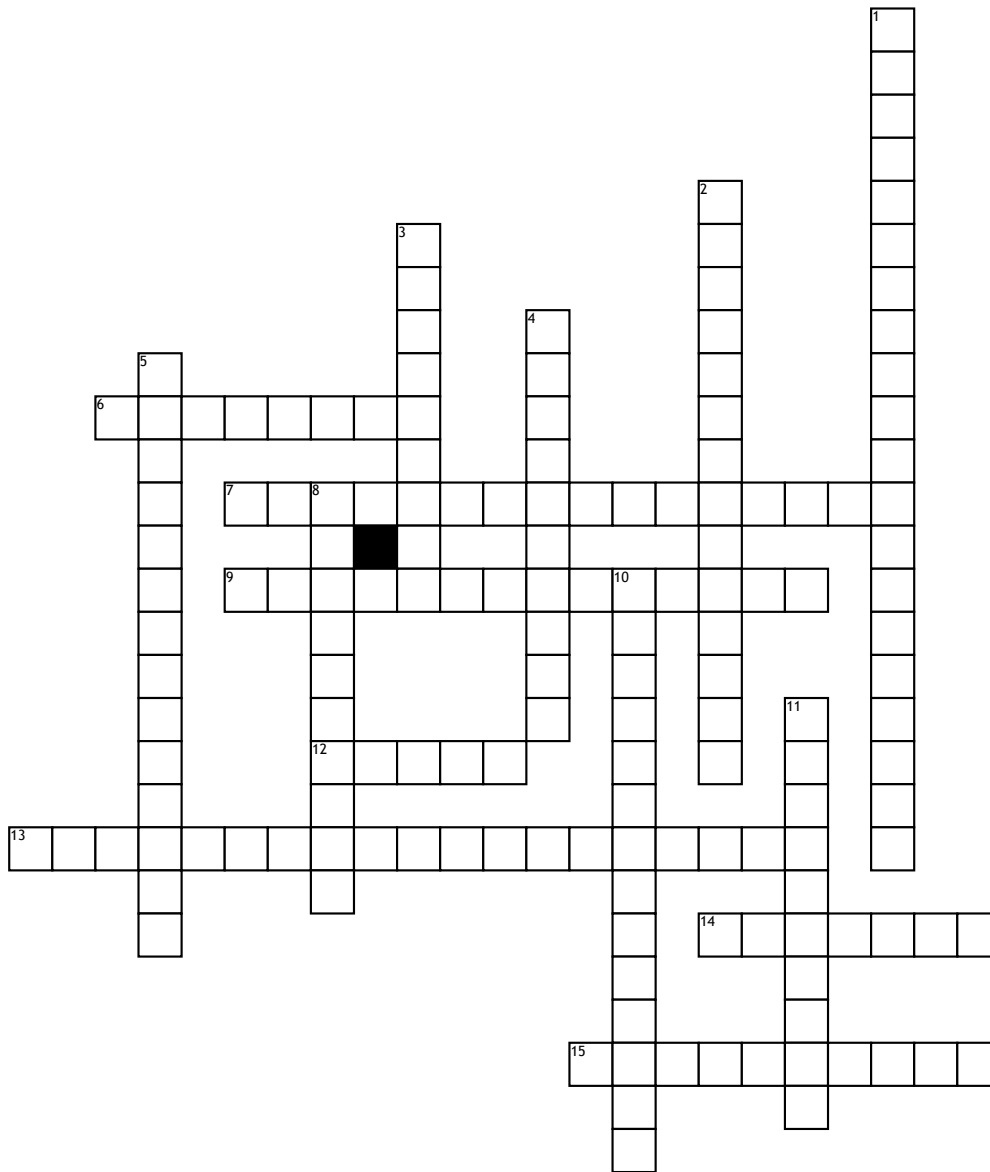# Geometry Chapter 2 Vocab

Across

6. statement formed by exchanging the hypothesis and the conclusion of a conditional statement

7. a compound statement of the form "if 'p', then 'q'", where 'p' and 'q' are statements

9. an example used to show that a given statement is not always true

12. a statement that is accepted as true

13. statements that have the same truth value

14. statement formed by negating both the hypothesis and conclusion of a conditional statement

15. statement that immediately follows the word 'then'

Down

1. a statement that can be written in 'if-then' form

2. a formal proof that contains statements and reasons organized in two columns

3. any sentence that is either true or false, but not both

4. in a conditional statement, the statement that immediately follows the word 'if'

5. statement formed by negating both the hypothesis and conclusion of the converse of a conditional statement

8. table used as a convenient method for organizing the truth values of statements

10. a proof that is made up of a series of algebraic statements

11. the truth or falsity of a statement