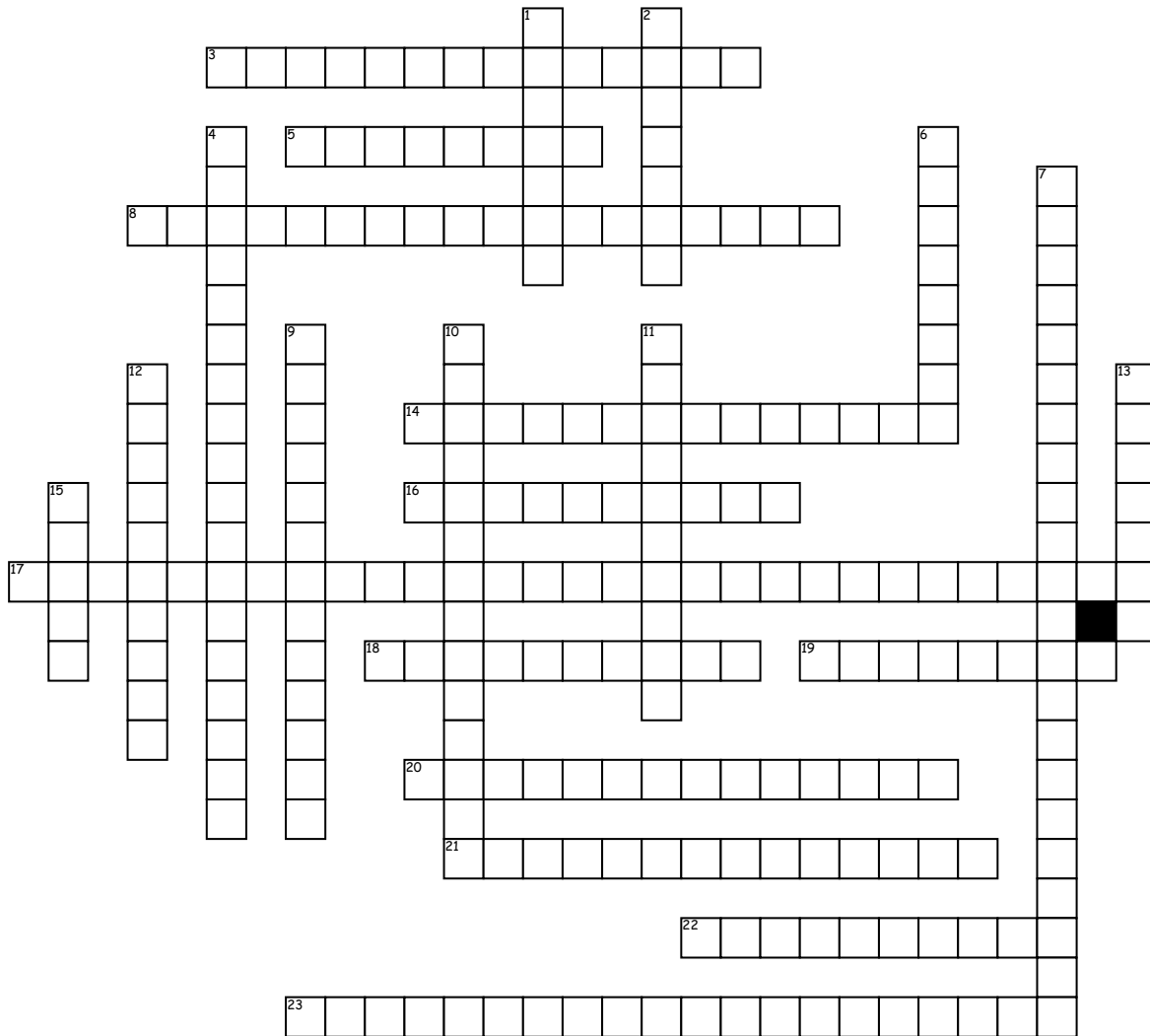


Geometry Chapter 2 Vocab



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