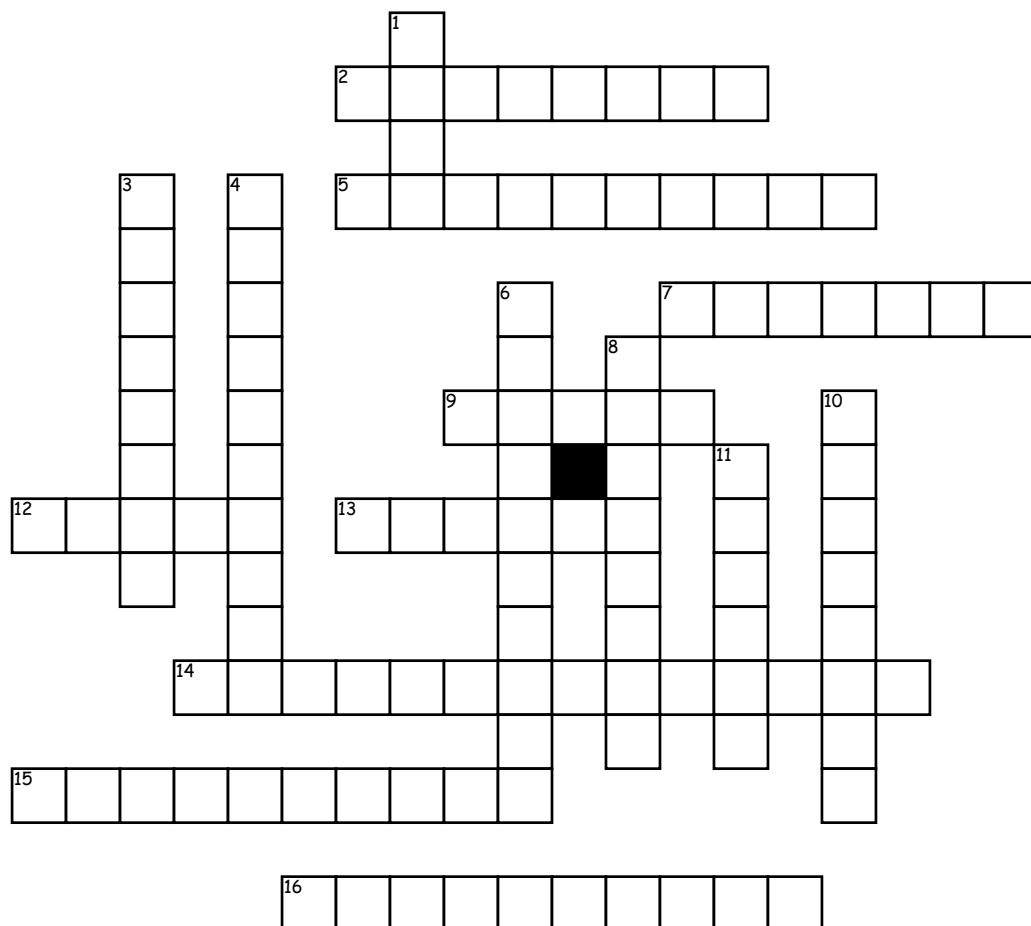


Name: _____ Date: _____ Period: _____

Algebra 2 Chapter 5 Crossword Puzzle



Across

2. if the value of a is negative the graph _____ over x-axis

5. if $|a|$ is between zero and one, the graph will be _____

7. a function that exchanges x and y values

9. the _____ is the number in the "crook" of the radical sign

12. the set of y values

13. to solve a radical inequality, first find the _____ value that x can be

14. step 1 of solving a radical equation

15. a radical function involves a _____

16. _____ line test determines if inverse will be a function

Down

1. a radical is undefined where x is less than _____

3. solve a radical equation by raising each side to an _____

4. solutions that make the original equation false

6. where graph crosses the y -axis

8. k represents a _____ translation

10. the expression under a square root sign

11. the set of x values

Word Bank

compressed

inverse

reflects

domain

lowest

index

horizontal

square root

radicand

extraneous

y -intercept

zero

exponent

isolate radical

vertical

range