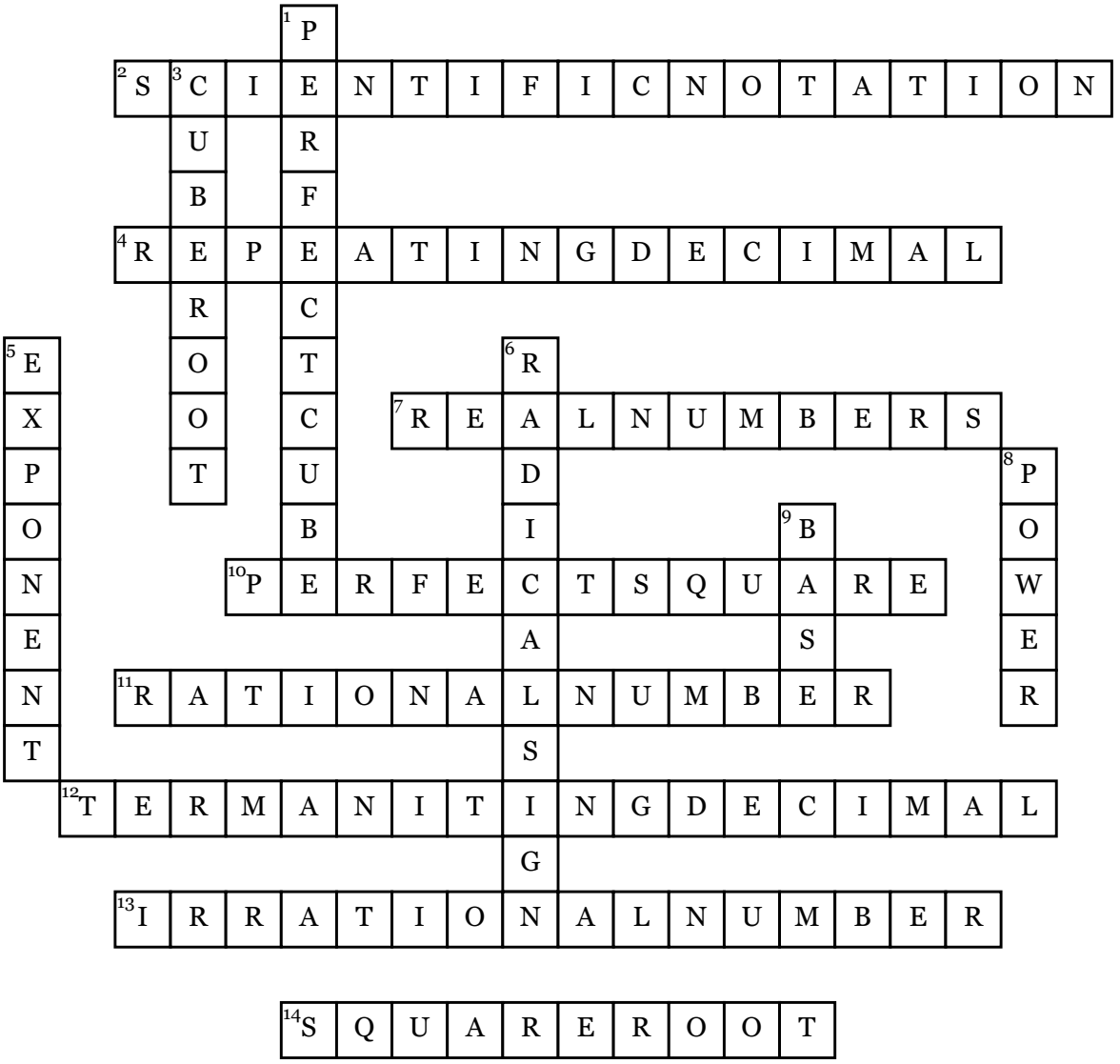
Name: _____ Date: _____ Period: _____

Vocabulary for math



Across

2. a compact way of writting numbers with absolute valuse that are very large or very small in scientific notation 5500 is 5,5 * 103

4. decimal form of a rational number

7. the set rational numbers together with the set of irratinal

10. a rational number whose square root is a whole number 25 is perfect square because its square root is 5

11. numbers that can be written as the ratio of two intergers in which the denominator is not zero ll integers fractions mixed numbers and percents are numbers

12. a repeating decimal where the repeating digit is zero

13. A number that cannot be expressed as a quotient A over B where A and B are integers and B 0

14. one of the two equal factors of numbers if a^2 =b then a is the square root of b a square root of 144 is 12 since 12^2=144

Down

1. a rational number whose cube root is a whole number 27 is perfect square root becuase its cube root is 3

3. One of three equal factors of a number if a squared 3 equals B then a is the cube root of B the cube root of 64 is 4 since 4^3=64

5. In a power the number of times the base is used as a factor in 10 square 3 the exponent is 3

6. the symbol used to indicate a positive square root

8. a product of repeated factors using an exponent and a base the power 7^3 is read seven to the third power or seven cubed

9. In a power the number that is common factor in 10^3the base is 10 that is 10 - 3 equals 10 times 10 times 10 times 10