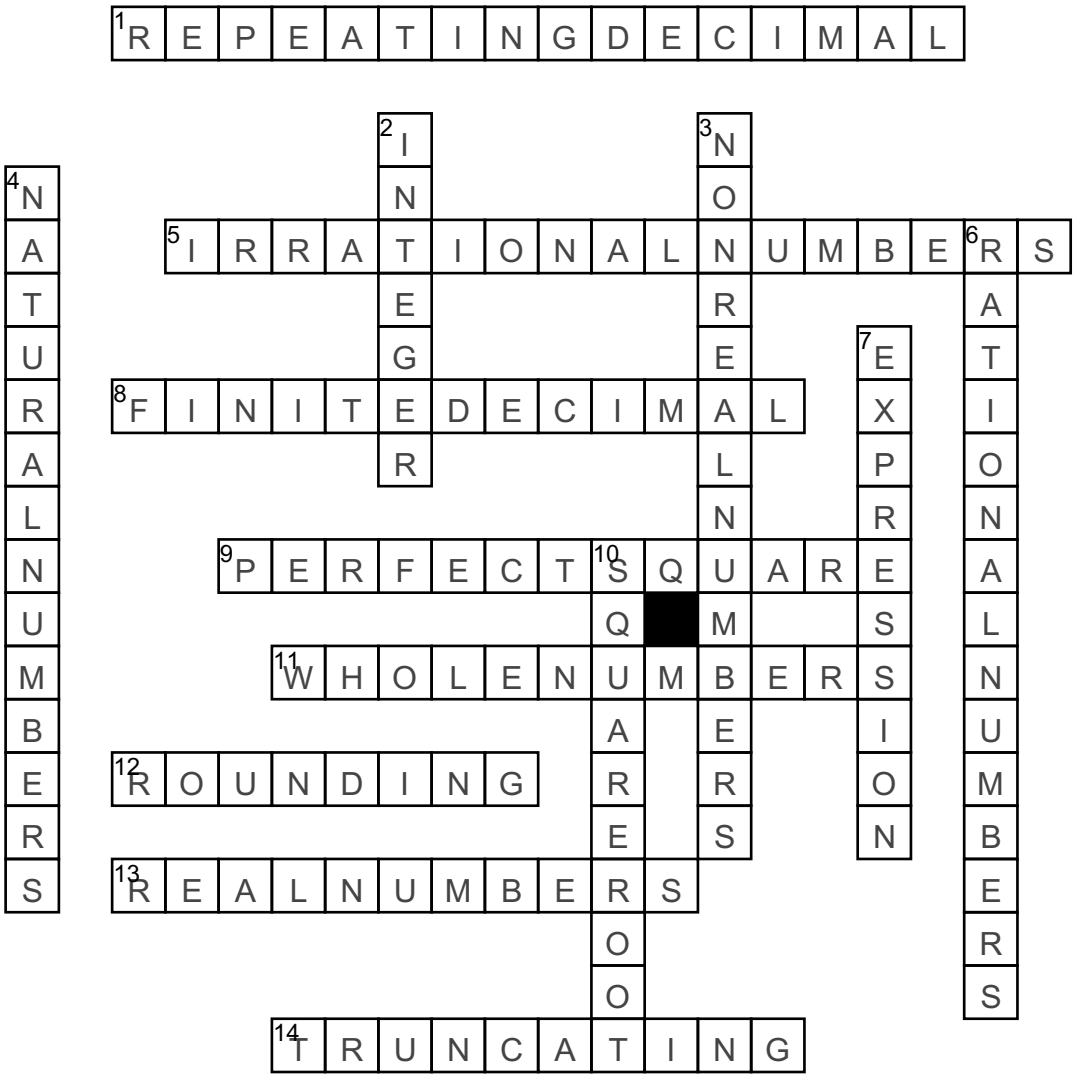
Name: _____ Date: _____ Period: _____

The Number system



Across

1. a decimal fraction in which a figure or group of figures is repeated indefinitely, as in 0.666… or as in 1.851851851….

5. any real number that cannot be expressed as the exact ratio of two integers, e.g. √2 and π

8. terminating decimal

9. 4 times 4=16

11. a number without fractions; an integer

12. alter (a number) to one less exact but more convenient for calculations

13. a number that is either rational or irrational rather than imaginary.

14. shorten (something) by cutting off the top or the end

Down

2. a whole number; a number that is not a fraction.

3. Imaginary numbers

4. a number without fractions; an integer.

6. a whole number or the quotient of any whole numbers, excluding zero as a denominator

7. Numbers, symbols and operators (such as + and ×) grouped together that show the value of something.

10. a number that produces a specified quantity when multiplied by itself: "7 is a square root of 49"