Real Numbers

Across

5. decimal expansion of 3/35 is

6. -------- numbers have either terminating or non-terminating epeating decimal expansion .

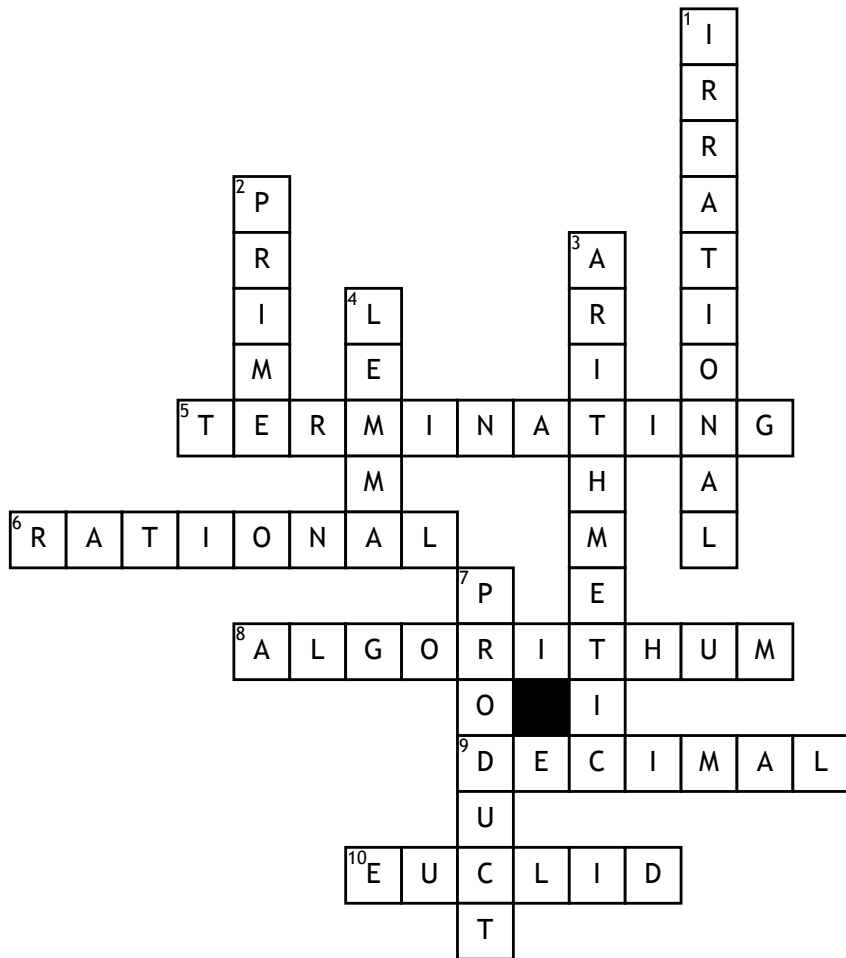**8.** ------ is a sequence of well defined steps to solve any problem.

9. WW. The-------expansion of rational nimbers is terminating if the denominator has 2&5 as its only factors.

10. -------- division algorithum is used to find the HCF of two positive numbers.

Down

1. numbers having non-terminating non-repeating decimal expansion are known as

2. The------- factorization of composite numbers is unique.

3. fundamental theoram of ----------------- states that every composite number can be uniquely exprressed as a product of primes aprt from the order of factors

4. A proven statement used as a stepping stone towards the proof of another statement is known as

7. For any two numbers,HCF x LCM =----------of numbers.

Crossword grid answers:

- 1 Down: IRRATIONAL
- 2 Down: PRIME
- 3 Down: ARITHMETIC
- 4 Down: LEMMA
- 5 Across: TERMINATING
- 6 Across: RATIONAL
- 7 Down: PRODUCT
- 8 Across: ALGORITHUM
- 9 Across: DECIMAL
- 10 Across: EUCLID