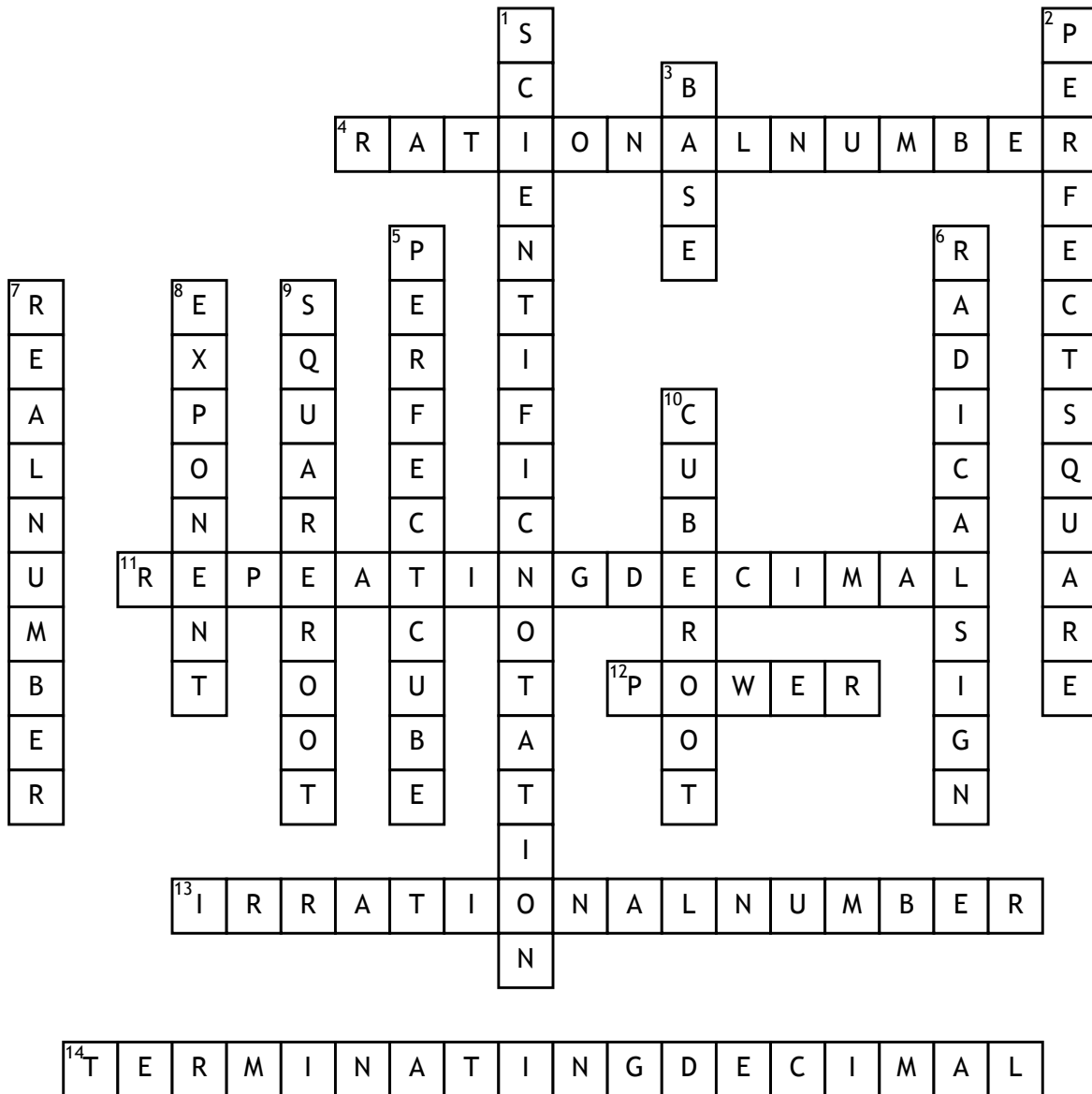# Chapter 1 Vocabulary

Across

4. Numbers that can be written as the ratio of two integers.

11. Decimal form of a rational number.

12. A product of repeated factors using an exponent and a base.

13. A number that cannot be expressed as the quotient a/b where a and b are integers and b does not equal zero.

14. A repeating decimal where the repeating digit is zero.

Down

1. A compact way of writing numbers with absolute values that are large or small.

2. A rational number whose square root is a whole number.

3. In a power, the number that is the common factor.

5. A rational number whose cube root is a whole number.

6. The symbol used to indicate a positive square root.

7. The set of rational numbers together with the set of irrational numbers.

8. In a power, the number of times the base is used as a factor.

9. One of two equal factors of a number.

10. One of three equal factors of a number.