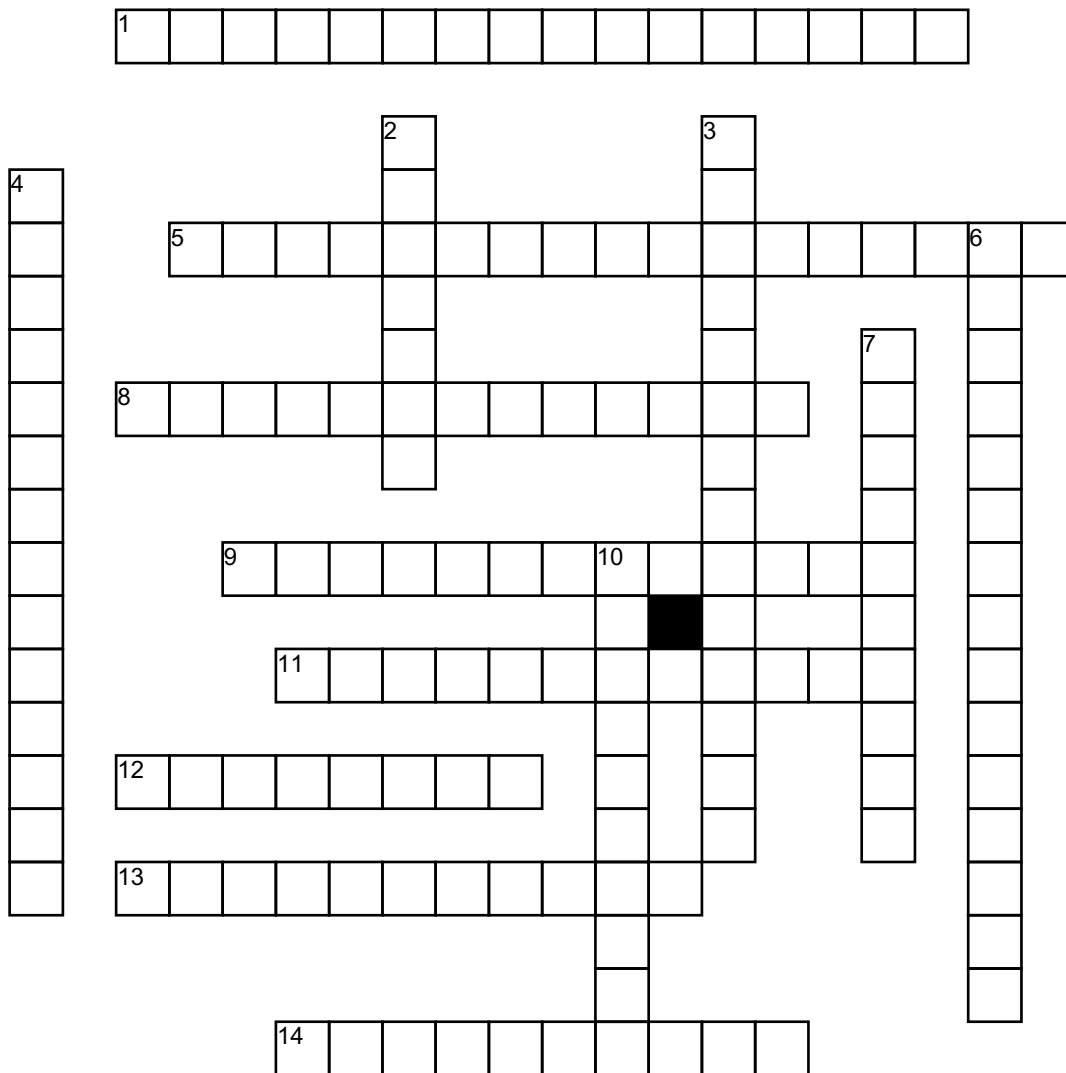


# The Number system



**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.  $\sqrt{2}$  and  $\pi$
- 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  $\times$ ) 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"