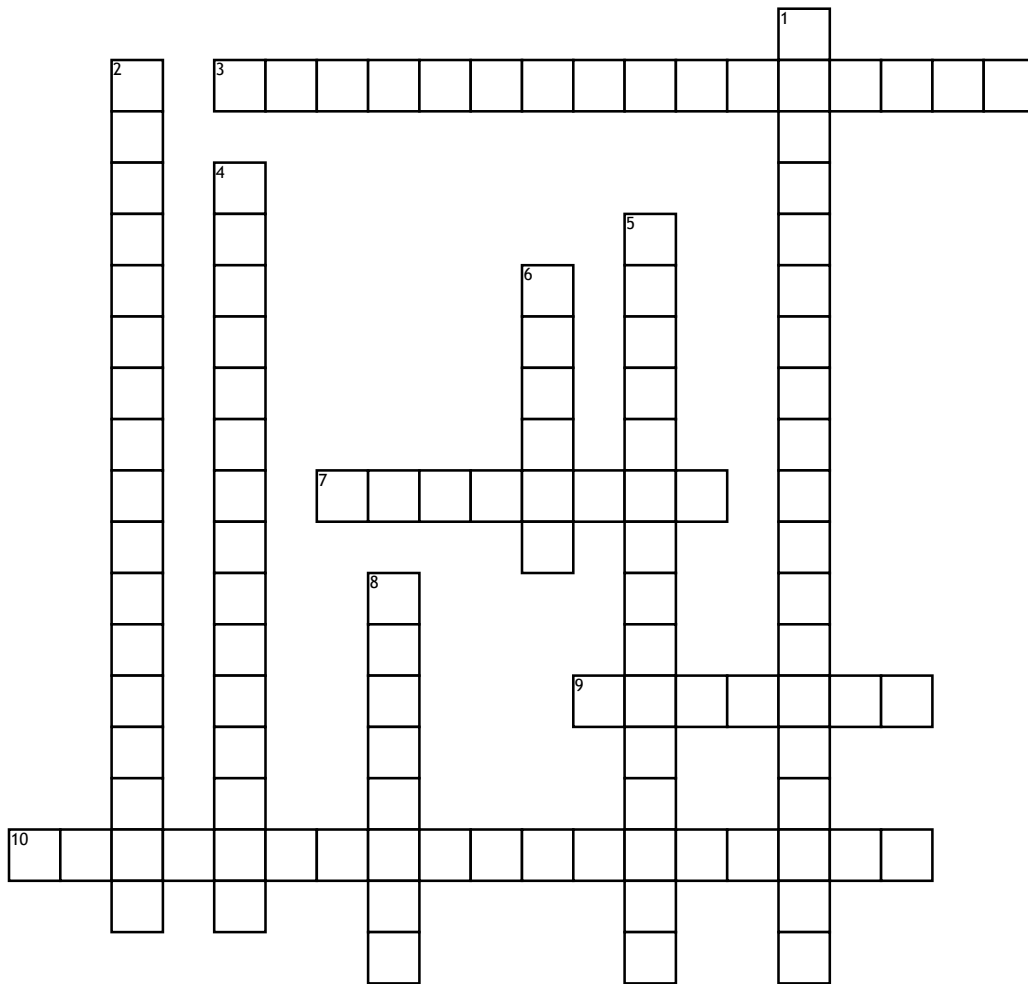


Sequences and Series



Across

3. Uses the preceding term to define the next term of the sequence.
 7. A list of numbers or objects in a special order.
 9. A group of mathematical symbols that express a relationship or that are used to solve a problem, or a way to make something.
 10. A sequence of numbers where each term after the first is found by multiplying the previous one by a fixed, non-zero number called the common ratio.

Down

1. In this sequence each term is equal to the previous term, plus (or minus) a constant.

Word Bank

GeometricSequences
 RecursiveFormula
 Series
 Formula

GeometricSeries
 Sequence
 Notation

SummationNotation
 ExplicitFormula
 ArithmeticSequences

2. Often mathematical formulae require the addition of many variables, a convenient and simple form of shorthand used to give a concise expression for a sum of the values of a variable.
 4. A series with a constant ratio between successive terms.
 5. A formula we can use to find the nth term of a sequence.
 6. The sum of the various numbers, or elements of a sequence
 8. Uses symbols or symbolic expressions which are intended to have a precise semantic meaning.