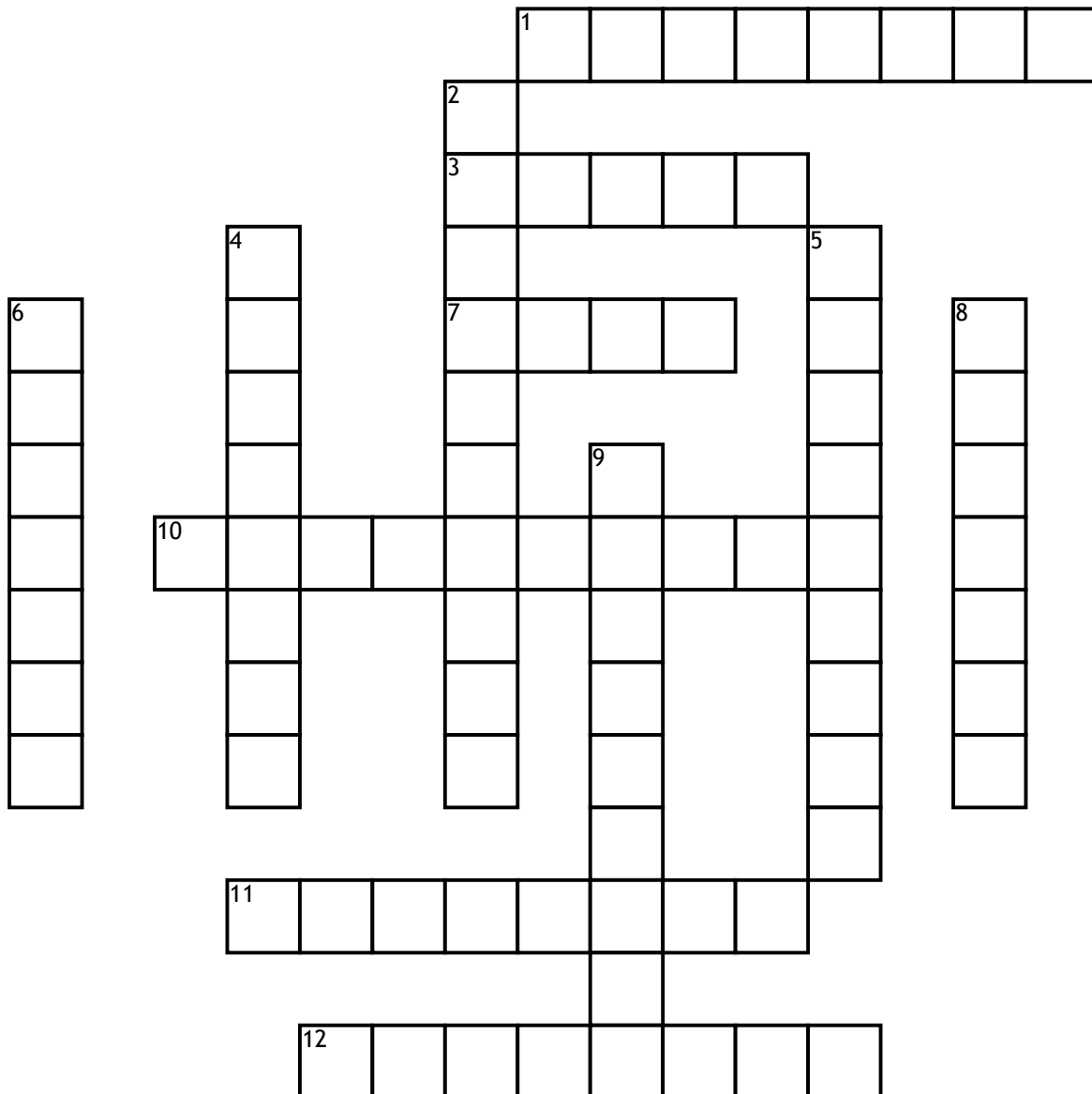


Arithmetic & Geometric Sequences



Across

1. the number that indicates how many times the base in a power is used as a factor
 3. the answer to a division equation
 7. each number in a sequence is a
 10. the answer to a subtraction equation

11. a relations in which every domain value is paired with exactly one range value

12. a list of numbers that may form a pattern.

Down

2. a sequence whose successive terms differ by the same number
 4. $a_n = a_1 + d(n-1)$

5. a sequence in which the ratio of successive terms is the same number r

6. a literal equation that states a rule for a relationship among quantities

8. the term you are trying to find

9. $a_1 = \underline{\quad}$; $a_n = a_{n-1} + d$