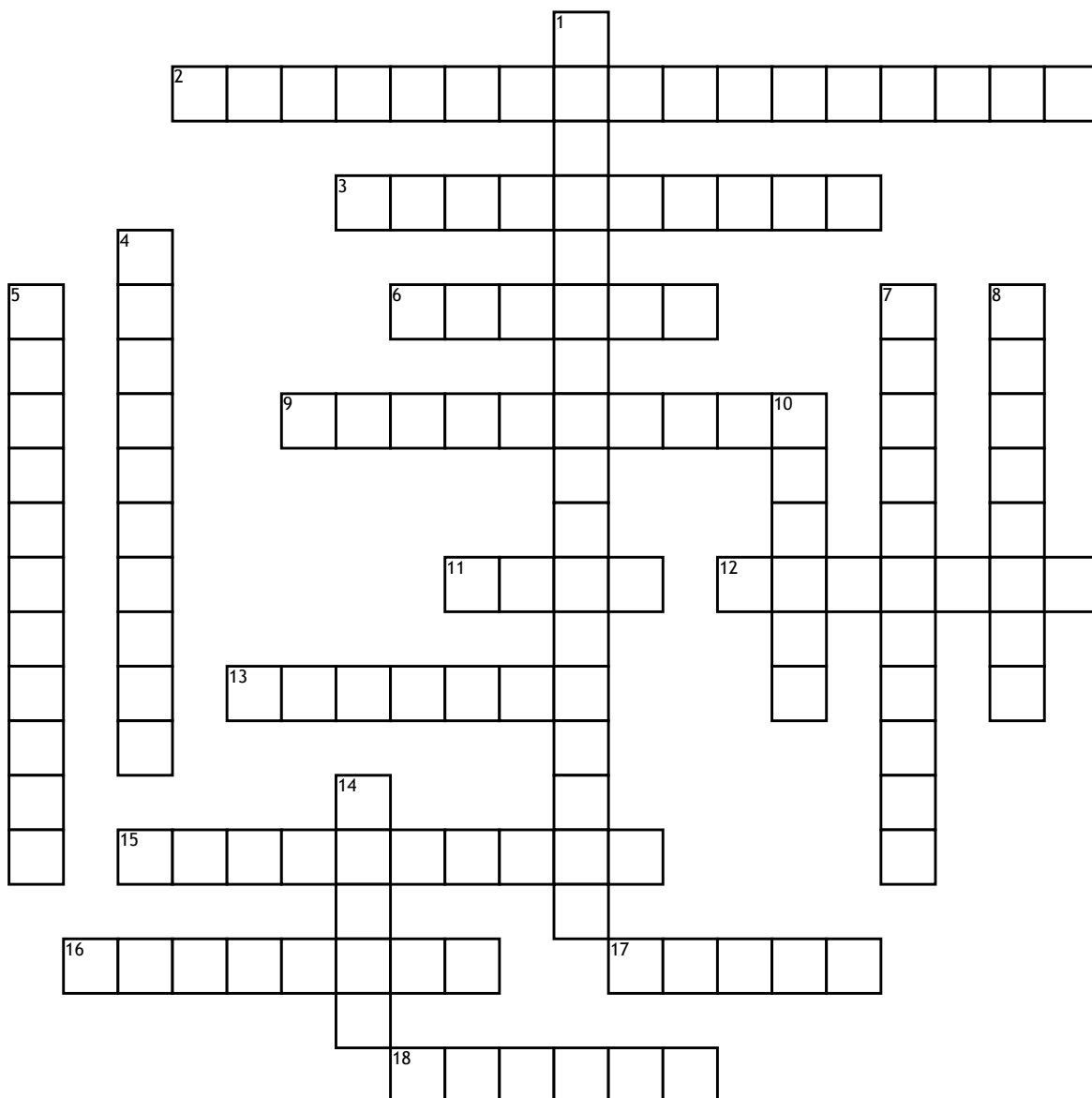


Chapter 5 and 6: Polynomials and Radicals



Across

2. When dividing a polynomial by $(x - a)$, you can use _____.
3. Factoring method used when two perfect cubes are being added
6. Largest exponent of a polynomial
9. A solution that does not work for the original equation
11. The solution of a polynomial; also part of a tree
12. A symbol used when taking the root of a number

13. A polynomial with a degree of four

15. $a+bi$ and $a-bi$ are called complex _____.

16. Factoring by finding GCF of two terms at a time

17. Number that determines what kind of root

18. _____'s Triangle; each number is the sum of the two above it

Down

1. When two perfect cubes are subtracted; a _____

4. A number that is not a repeating or terminating decimal

5. How a polynomial rises or falls to the left and right

7. A number that is multiplied by a variable

8. Polynomial form where degrees are in decreasing order

10. The _____ root of 81 is 9

14. A polynomial with a degree of three