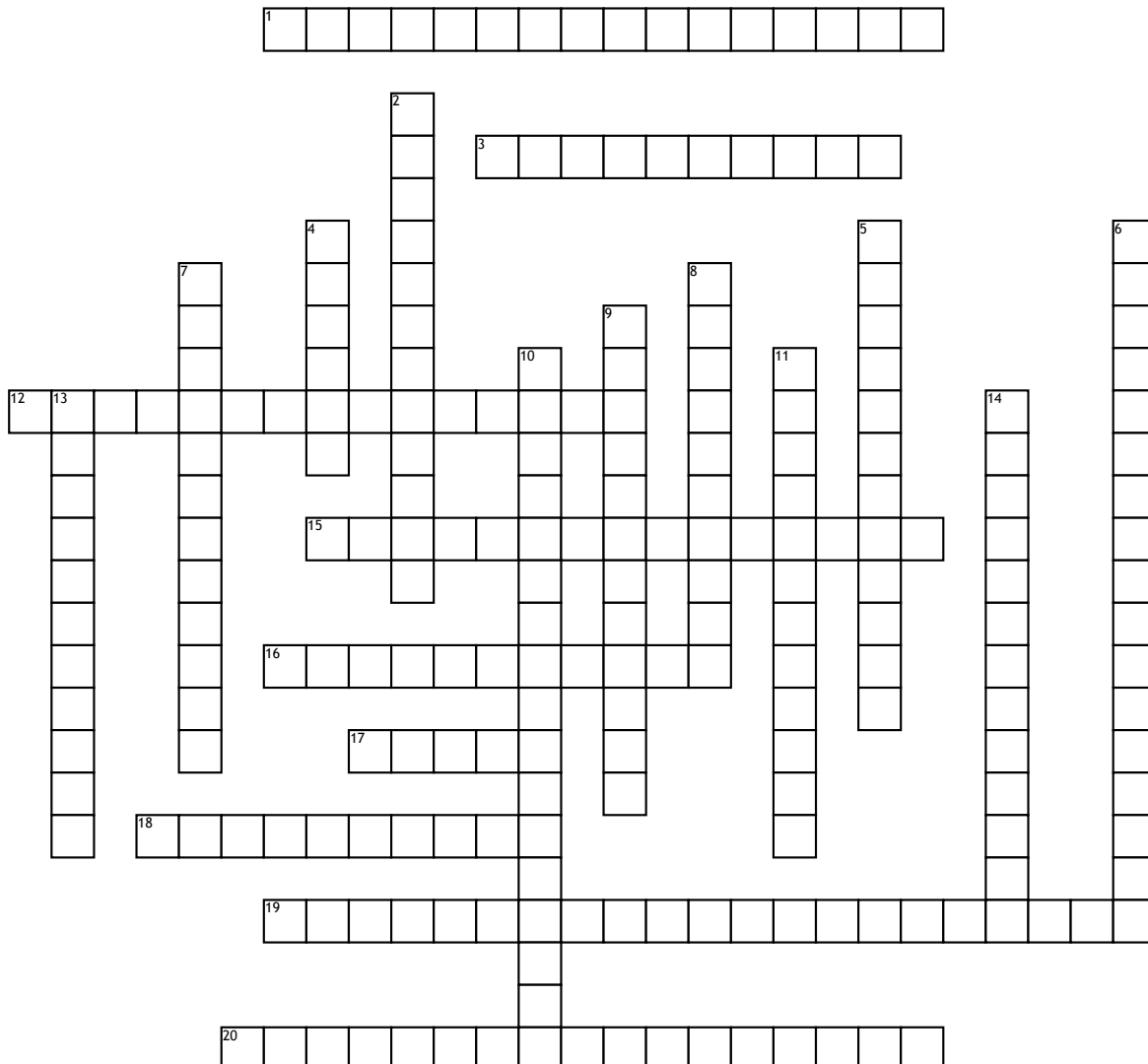


chapter 5-6 Vocab Crossword



Across

1. the theory states that the remainder must be constant

3. a polynomial in $a^3 + 2ab + b^3$ form

12. the value of a function at a point lower than all values

15. the value of a function at a point greater than all values

16. a number which produces a specified quantity when multiplied by itself

17. any value of x for which $f(x)=0$

18. a monomial or set of monomials

19. a theory that determines the number of zeros of a polynomial

20. a polynomial in the $a^3 - 2ab + b^3$ form

Down

2. radicals that have the same roots and radicand

4. the greatest among monomial terms

5. non imaginary solution

6. division of polynomials

7. the number of times the linear is repeated in the factored form of a polynomial

8. number pairs of that form $a+\sqrt{b}$ or $a-\sqrt{b}$

9. a root that belongs to a set of complex numbers

10. non real solution

11. the pointy where derivative changes signs

13. the direction of the graph as you move away from the origin

14. factors of constant terms/ factors of leading coefficient