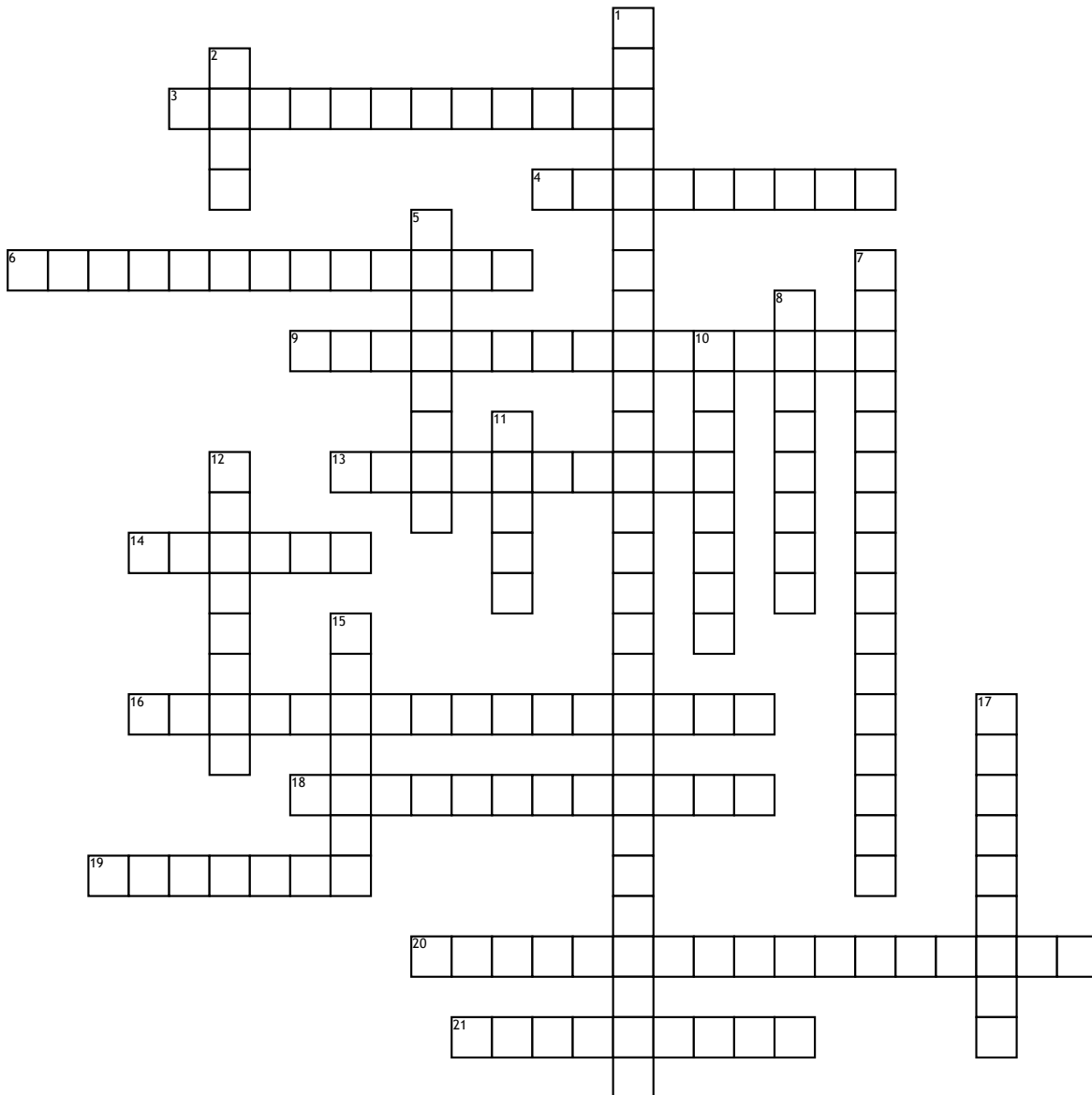# Polynomial Vocabulary

Across

3. used when the divisor is quadratic or higher

4. polynomial of degree 2

6. rule that states when f(a)=0, then (x-a) is a factor

9. a trinomial with terms that have degrees of 2a, a, and 0

13. number pairs such as 3i and -3i

14. polynomial of degree 1

16. used to solve irreducible quadratics

18. all like terms combined and arranged from highest degree to lowest

19. polynomial of degree 5

20. used when the divisor is linear; it's shorter!

21. graphed as x-intercepts

Down

1. used to determine number of roots

2. acronym for the signs in the sum/difference of cubes pattern

5. factoring method often used for 4 terms

7. rule that states when dividing by (x-a), the remainder is f(a)

8. polynomial with one term

10. polynomial of degree 0

11. polynomial of degree 3

12. polynomial with two terms

15. polynomial of degree 4

17. polynomial with three terms