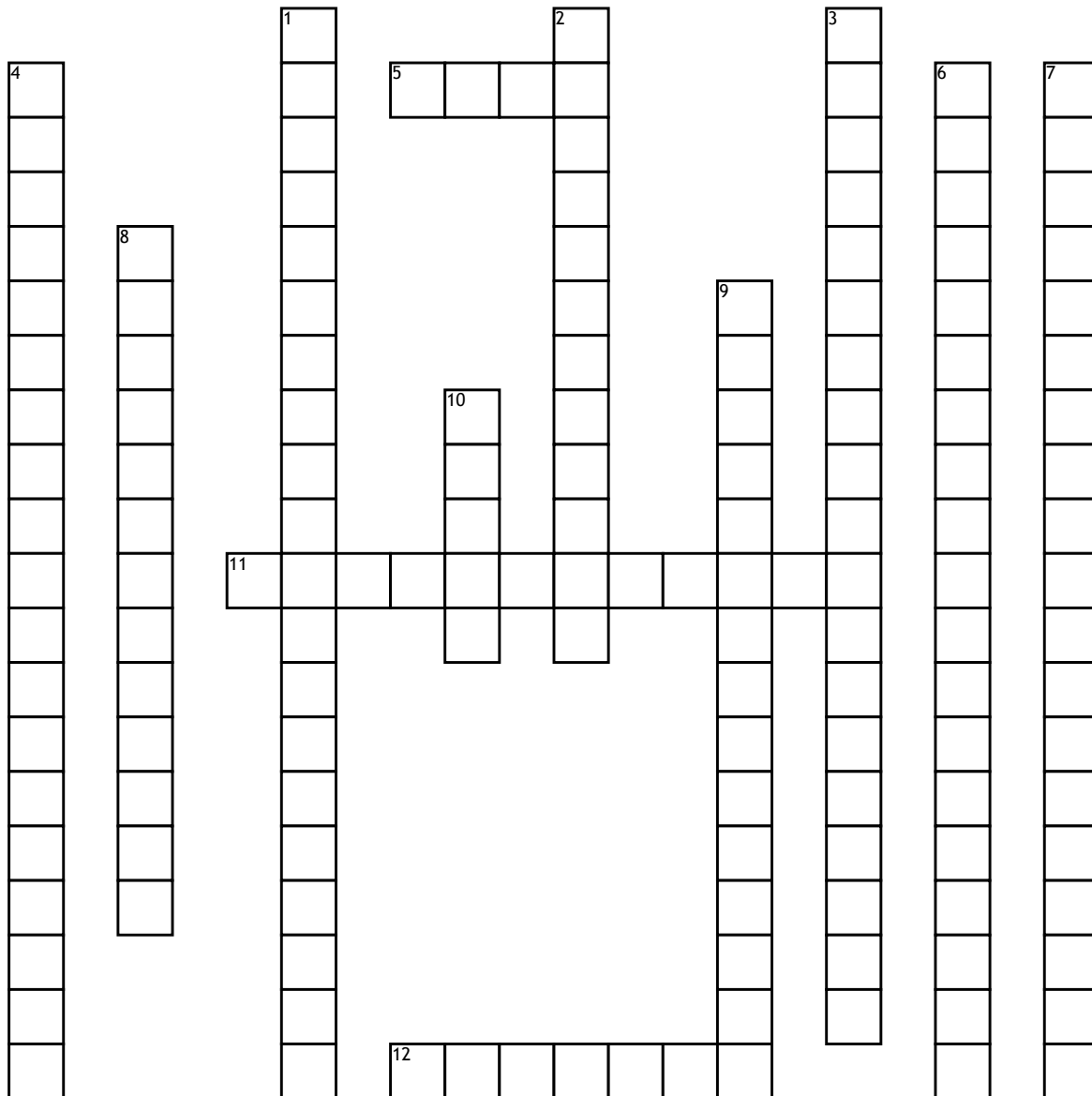Name: _____ Date: _____

Topic 3 Vocabulary

Across
5. the number that is multiplied by itself when raised to a power
11. the result of using numbers greater than the actual numbers to estimate a sum or product
12. numbers that are multiplied to give a product

Down
1. when one of the factors of a product is a sum multiplying each addend befor adding does not change the product

2. the product of any number ad zero is zero
3. changing the order of factors does not change the product
4. a way to write a number using a base and an exponent
6. changing the grouping of 3 or more factors, does not change the product
7. the property of any number and 1 is that number
8. the result of using smaller numbers to estimate a sum or product

9. products found by breaking one factor in a multiplication problem into ones, tens, hundreds, and so on, and then multiplying each of these by the other factor
10. a number that tells how many times the base is used as a factor