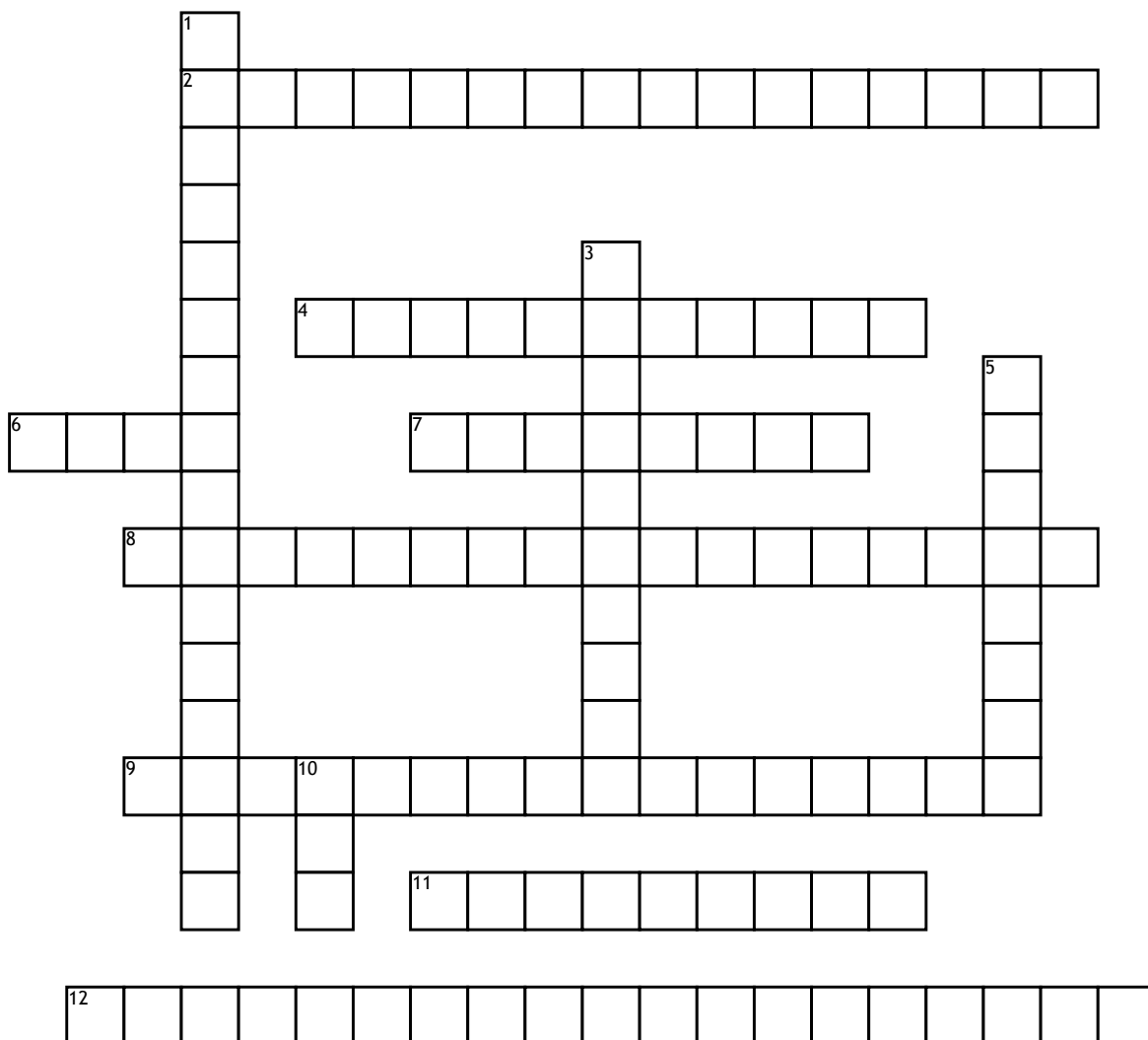Name: _____ Date: _____

Exponents

Across
2. a>0, 0<b<1
4. When raising a quotient to a power apply the power to numerator and the _____
6. (x^m)^n=
7. When raising a power to a power you _____ the exponents
8. a>0, b>1

9. for every nonzero number a^-n=1/a^n
11. When you have a negative exponent in the denominator you make it positive by placing it in the _____
12. y=a*b^x
Down
1. For every nonzero number a^0=1

3. when raising a product to a power you _____ the exponent
5. When dividing exponents you _____ the exponents
10. When multiplying powers with the same base you _____ the exponents