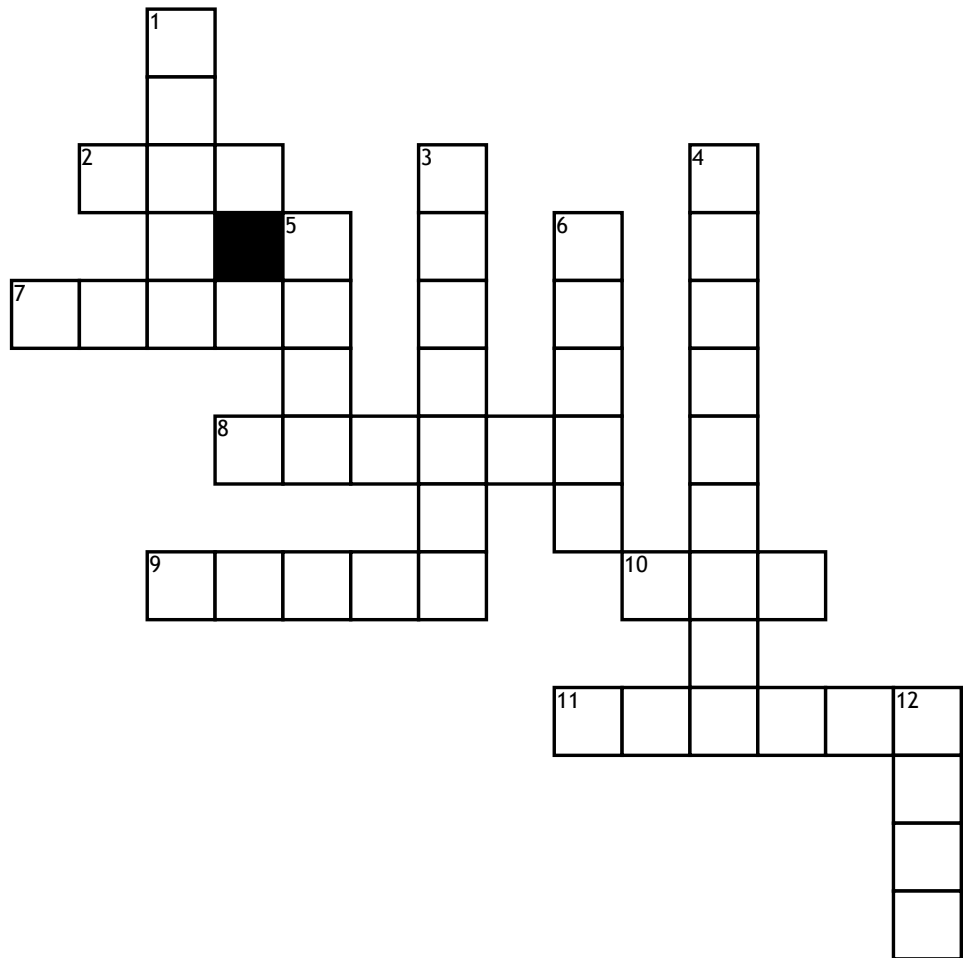# Exponents

Across

2. If a number is squared, that tells you to multiply the number by itself _____ times.

7. If a number is cubed, it tells you to multiply the number by itself _____ times.

8. If you see a 3 with a little 4 above it you would say it is three to the _____ power.

9. What is another way to say to the third power?

10. What is anything to the zero power?

11. What do you multiply the bottom number by as many times as the exponent says?

Down

1. Five cubed could also be written five to the fifth _____.

3. What is another way to say to the second power?

4. Even though they have special names, squares and cubes are still _____.

5. What is zero to any power?

6. Three to the eighth power would be 3 x 3 x 3....how many times?

12. What exponent would you use for 4 x 4 x 4 x 4 x 4? 4 _____