Name: _____ Date: _____ Period: _____
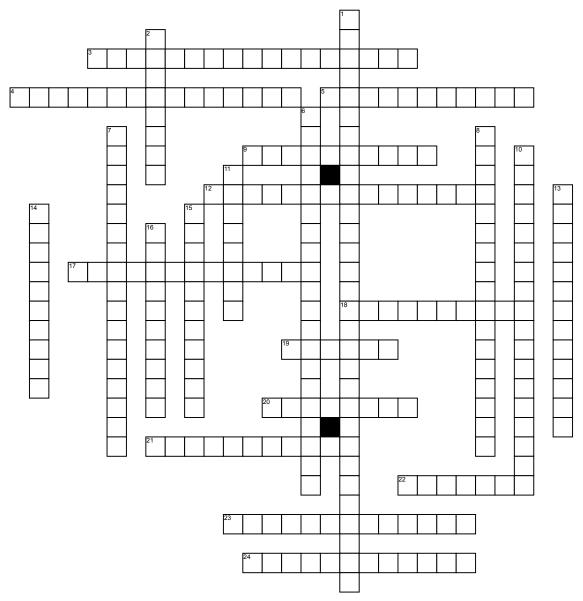
Unit 3 Vocabulary Test

Across

3. V= pi r squared h

4. represents both an integer exponent or factional exponents

5. include all the rational numbers Ex:-5

9. a right triangle is the opposite side of the right angle of a triangle

12. V= 4/3 pi r cubed

17. the enclosing boundary of a curved geometric figure

18. half of a sphere

19. the measurement of the base of an object

20. a straight line passing side to side through the sphere

21. the sign in which it represent the square root of a number.

22. a mathematical statement that can be proven

23. V= pi r squared h/3

24. The area of circle is pi x the radius squared

Down

1. if the lengths of the sides of a triangle satisfy the formula, then the triangle is a right triangle

2. a number that is multiply by itself 3 times

6. two equations that have the same solution

7. three positive integers a, b,and c that satisfy the equation.

8. an operation that undoes another operatons

10. If a and b are the lengths of the legs, and c is the length of the hypotenuse.

11. theorem is created when the if,and then parts of the theorem are exchanged

13. a triangle with a right angle

14. has a measure of 90 degrees and represented by a square in the right triangle.

15. a number that is place before the variable in an algebraic expression

16. a number that produces a quantity that multiplied by itself