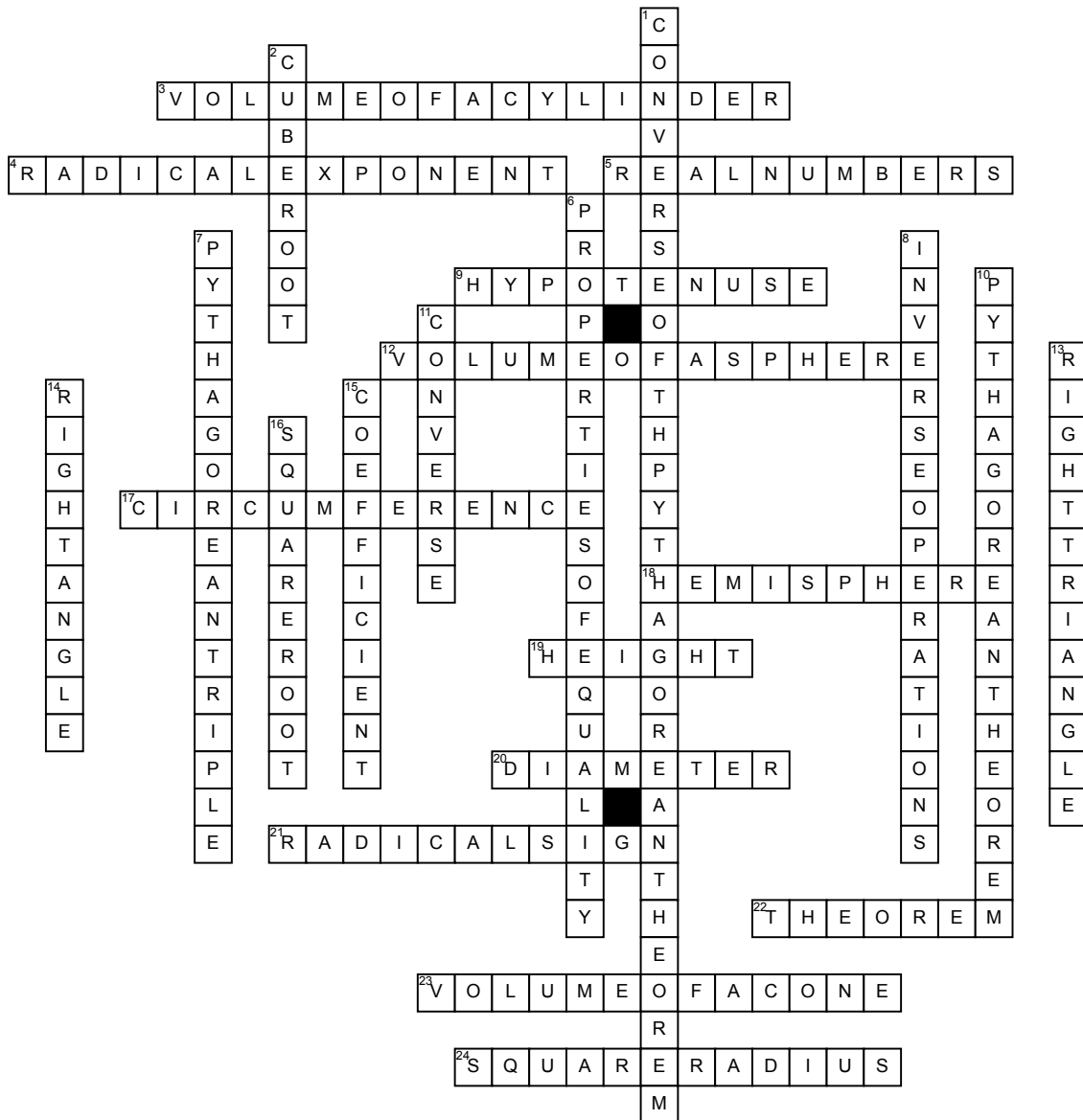


# Unit 3 Vocabulary Test



## Across

3.  $V = \pi r^2 h$   
 4. represents both an integer exponent or fractional 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.  $V = \frac{4}{3} \pi r^3$   
 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.  $V = \pi r^2 h/3$

24. The area of circle is  $\pi r^2$  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 operations

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