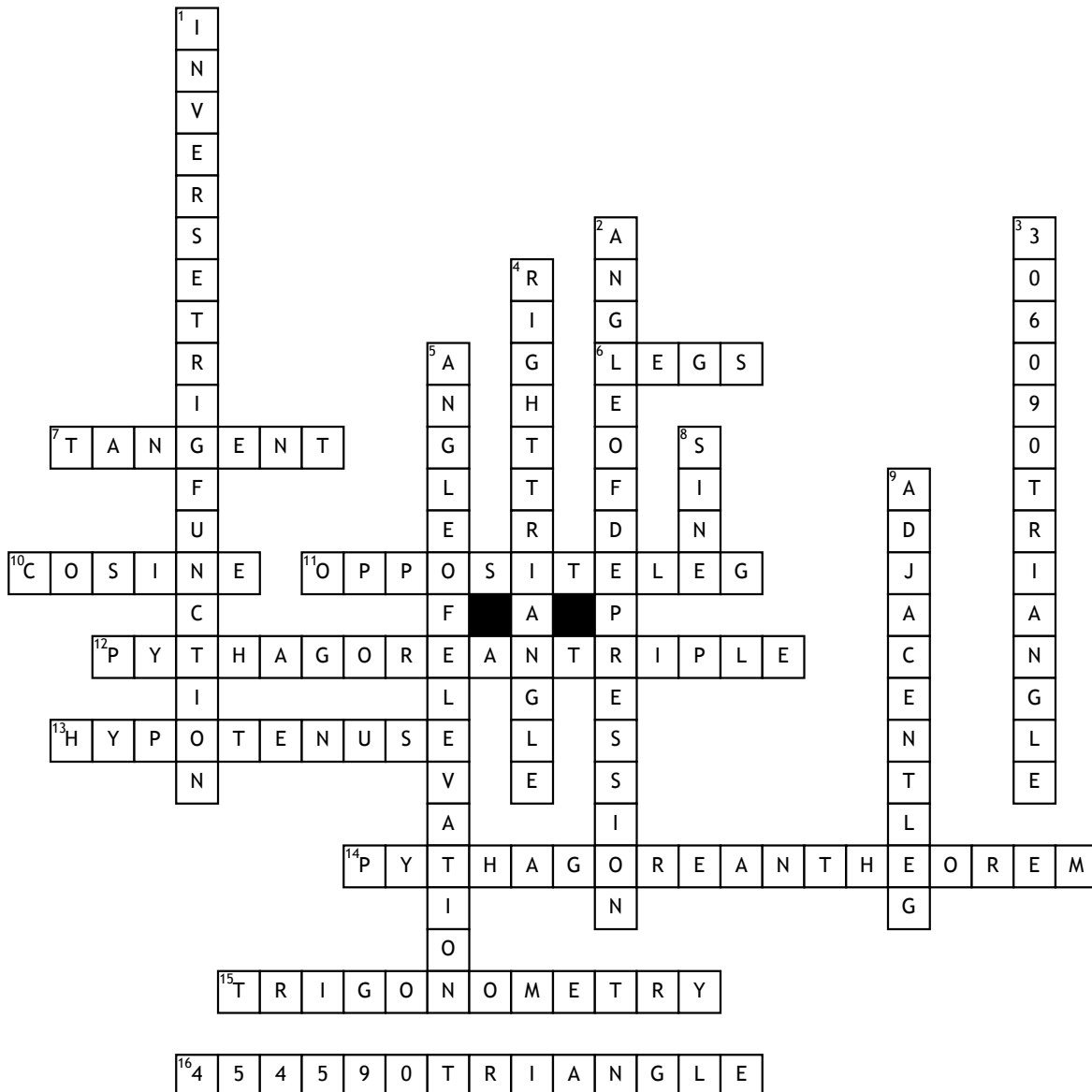


Name: _____

Date: _____

Period: _____

Right triangle and trigonometry



Across

6. the other two sides
 7. trig ratio, opposite over adjacent
 10. trig ratio, adjacent over hypotenuse
 11. across from the theta angle
 12. is a set of three integers a, b, c which form the sides of a right angled triangle
 13. the side opposite the right angle is the hypotenuse

14. which says that the square of the length of the hypotenuse equals the sum of the squares of the lengths of the legs
 15. is the study of the relationship of the sides and angles of a triangle
 16. isosceles right triangles sometimes referred as, acute angles are equal

Down

1. perform the opposite operations that the sine, cosine, tangent, secant, cosecant and cotangent perform

2. angle which the plane descends
 3. special right triangle has acute angles measuring 30 and 60 degrees.
 4. contains a right angle, which measures 90 degrees and two acute angles each less than 90 degrees
 5. angle between a horizontal line and the line of sight to an object above the horizontal line
 8. trig ratios, opposite over hypotenuse
 9. is adjacent next to the theta angle