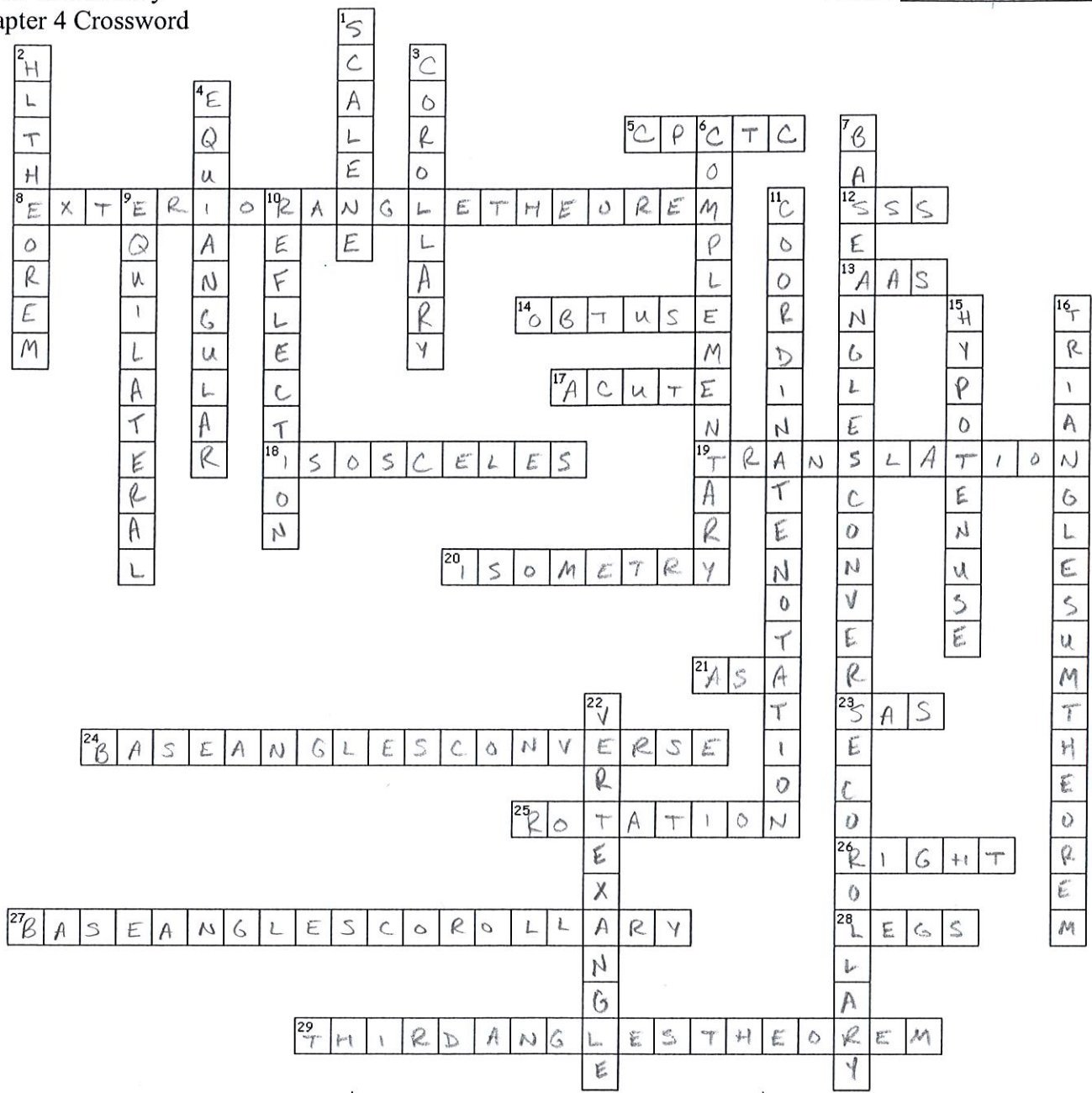


Honor's Geometry
Chapter 4 Crossword

Name: Key



Across

- 5. corresponding parts of congruent triangles are congruent
- 8. the exterior \angle of a Δ is equal to the sum of the remote interior two
- 12. method of proving $\cong \Delta$'s when all pairs of corresponding sides are congruent
- 13. if two \angle 's and a non-included side of one Δ are \cong to two \angle 's and a non-included side of another, then the Δ 's are \cong
- 14. a Δ with a 210° angle
- 17. a Δ with all \angle 's measures less than 90°
- 18. a Δ with at least two \cong sides
- 19. a transformation that shifts a figure in a fixed direction

Across

- 20. rigid motion
- 21. if two \angle 's and the included side of one Δ are \cong to two \angle 's and the included side of another, then the Δ 's are \cong
- 23. if two sides and the included \angle of one Δ are \cong to two sides and the included \angle of another, then the Δ 's are \cong
- 24. if the base \angle 's of an isosceles Δ are \cong , then the sides opposite them are \cong
- 25. to turn an object about a fixed point
- 26. a Δ with a 90° angle
- 27. if a Δ is equilateral, then it is equiangular
- 28. the congruent sides in an isosceles Δ
- 29. if two \angle 's of one Δ are \cong to two \angle 's of another, then the 3^{rd} angles are \cong

Down

- 1. a Δ with no \cong sides
- 2. in a right Δ , if the hypotenuse and a leg of one Δ is \cong to the hypotenuse and leg of another, then the Δ 's are \cong
- 3. a rule that can be proven by its related theorem
- 4. all \angle 's in a Δ \cong
- 6. the acute angles in a right Δ are ____.
- 7. if a Δ is equiangular, then it is equilateral
- 9. a Δ with all \cong sides
- 10. $(x, y) \rightarrow (-x, y)$ or $(x, y) \rightarrow (x, -y)$
- 11. algebraic method of describing transformations
- 15. the longest side in a right Δ
- 16. 180° in a Δ
- 22. the angle between the two \cong sides of an isosceles Δ