



**Across**

- 2. a polygon with all sides congruent
- 6. a figure that extends indefinitely in one dimension
- 11. a polygon that has an interior angles measuring  $190^\circ$
- 13. "The sum of the parts equals the whole."
- 16. angle pairs created by intersecting lines
- 18. a figure that extends indefinitely in two dimensions
- 19. two or more figures that have the same size and shape.
- 22. a ray, line, or segment that cuts a segment in half
- 25. the general term for a square root
- 27. an angle that measures  $180^\circ$
- 28. If  $\angle ABC \cong \angle BCD$ , then  $\overline{BC}$  is a(n) \_\_\_\_\_.
- 29. an angle measuring  $200^\circ$

**Down**

- 1. a rule that does not need to be proven
- 3. the sum of the measure of two smaller angles is equal to one larger angle

**Down**

- 4. two angles whose sum is  $180^\circ$
- 5. points on the same line
- 7. "many sides"
- 8. an angle whose measure is exactly  $90^\circ$
- 9. two angles whose sum is  $90^\circ$
- 10. a small angle
- 12. two or more points in the same plane
- 14. a polygon whose angles are all the same measure
- 15. angles that are right next to each other
- 17. a rule that must be proven
- 18. a figure with no dimension
- 20. a square is a \_\_\_\_\_ polygon
- 21. two angles whose sum is  $180^\circ$  AND who are adjacent to each other
- 23. a point that cuts a segment in half
- 24. half a line
- 26. a polygon whose interior angles each measure less than  $180^\circ$