

**Basic Definitions:** Write each definition.

1. Equal:

2. Congruent:

3. Midpoint:

4. Segment Bisector:

5. Segment Addition:

6. Acute Angle:

7. Right Angle:

8. Obtuse Angle:

9. Straight Angle:

10. Adjacent Angles:

11. Angle Bisector:

12. Angle Addition:

13. Vertical Angles:

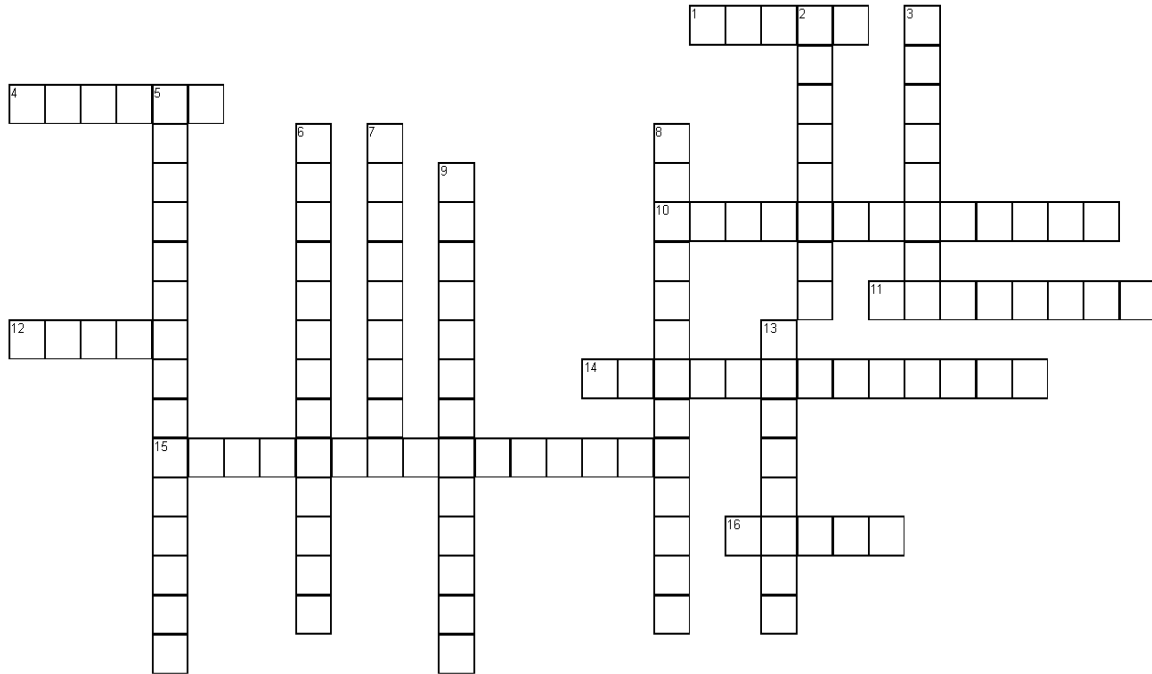
14. Complementary Angles:

15. Supplementary Angles:

16. Perpendicular Lines:

## Geometry Basics

### Puzzle 1



#### ACROSS

- 1 Having the same value or quantity
- 4 Angle that is less than 180 degrees, but larger than 90 degrees
- 10 2 lines that intersect at a right angle
- 11 Angle that is 180 degrees
- 12 Angle that is 90 degrees
- 14 Angles adding to 90 degrees
- 15 Adding segments to form a larger segment (2 words)
- 16 Angle that is less than 90 degrees

#### DOWN

- 2 2 angles that share a side and a vertex
- 3 Divides a segment into 2 congruent segments
- 5 Passes through the midpoint of a segment (2 words)
- 6 Divides an angle into 2 congruent angles (2 words)
- 7 Same size and shape
- 8 Angles adding to 180 degrees
- 9 Adding angles to form a larger angle (2 words)
- 13 Non-adjacent angles formed by 2 intersecting lines