

Basic Geometry Answers

Define the following:

1. a collection of points that continue forever in 2 directions – **a line**
2. a collection of points with a definite beginning and end – **a line segment**
3. a directed line segment – **a ray**
4. it is created when 2 rays that converge on one point – **an angle**
5. a straight angle has - **180** degrees
6. a right has - **90** degrees
7. an acute angle has **less than** degrees
8. an obtuse angle has **more than** degrees
9. two angles added together equal 90 degrees are called **complementary** angles
10. two angles added together equal 180 degrees are called **supplementary** angles
11. two lines in the same plane that do not intersect are called **parallel** lines
12. two lines that intersect and form 2 right angles are called **perpendicular** lines
13. a three sided closed figure is called a **triangle**
14. a four sided closed figure is called a **quadrilateral**
15. parallelograms with right angles are called **rectangle**