

Ruler Postulate

Ruler Postulate 7 The points on a line can be paired with the real numbers so that:

1. Any desired point can be paired with zero;
2. The distance between any two points is equal to the absolute value of the difference of the numbers paired with those points

Theorem 1-4 On a ray there is exactly one point a given distance d from the endpoint of the ray.

Theorem 1-5 A segment has exactly one midpoint.