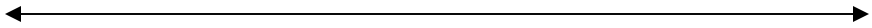
Geometry

Name:

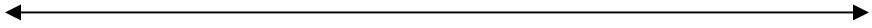
2.2 Structure of Geometry

Period: 1 2 3 4 5 6

The points on a line can be matched one-to-one, with the set of real numbers. The real number that corresponds with a point is the *coordinate* of the point.



is equal to the absolute value of the difference between the coordinates of A and B. Commonly written as:



If B is between A and C, then $AB + BC = AC$

Translation:

Example:

Exercises:

1.) If GR = 3 and RZ = 34, then what is GZ? [R is between G and Z]

2.)If PJ = 5.6 and PS =2.3, then what is SJ? [S is between P and J]

3.)If AB = 3x, BC = 9x, and AC = 48, then what is x? [B is between A and C]

4.)If TY = 4x + 2, YZ = x + 3,and TZ = 35 then what is x? [Y is between T and Z]

Week 4:

	1	2	3	4
Day 1				
Day 2				
Day 3				
Day 4				

Standard →

Week 5:

	1	2	3	4
Day 1				
Day 2				
Day 3				
Day 4				

Standard →

Week 6:

	1	2	3	4
Day 1				
Day 2				
Day 3				
Day 4				

Standard →