Geometry
Notes Section 1.2
Use Segments and Congruence

VOCABULARY

Postulates (Axioms): something assumed to be true.

Coordinate: a # that corresponds to a point

Distance: AB; length between points

Congruent Segments: segments of equal length

Congruent: _ _ _ _ _ _

POSTULATES / THEOREMS / COROLLARIES
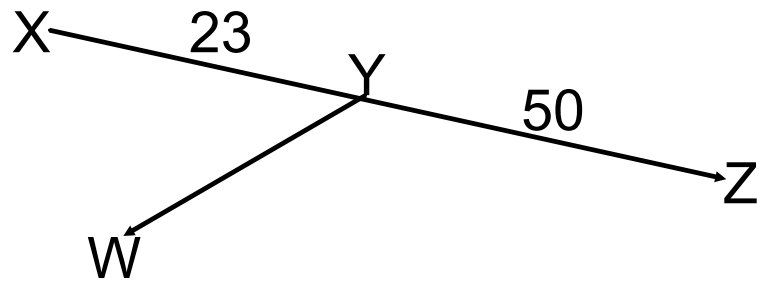
Postulate 1 (Ruler Postulate) _____

Postulate 2 (Segment Addition_____

A_____B_____C

EXAMPLES

1. Use a ruler to measure the length of the segment.

_____

X 23
Y
50
Z
W

2a) Use segment addition to find XZ.

b)   Write an equation and solve to find GH.

F 21 G   H

36
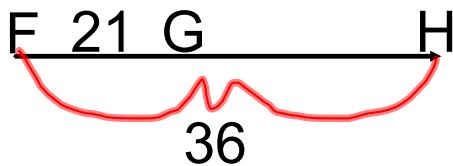
3a) Plot J(−3,4) , K(2,4) , L(1,3) and M(1,−2)

b)   Determine if JK = LM.