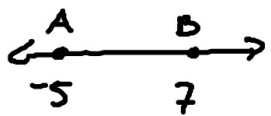


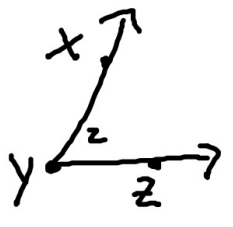
Undefined terms - set, point, line, plane

know all defn's on pg 29-30

\longleftrightarrow \overleftrightarrow{AB} - line \rightarrow \overrightarrow{AB} - ray \overline{AB} - segment AB - distance

 $AB = |-5 - 7| = |-12| = 12$

\cong congruent $=$ equals \perp perpendicular

 $\angle XYZ$
 $\angle Y$
 $\angle ZYX$
 $\angle Z$

16 - Defn's + Logic \rightarrow

Page 1

math sentences - state a fact (T or F)

open sentences - contain a variable

Symbolic form p $\sim p$ not p

Conjunction "AND" \wedge Disjunction "OR" \vee
 $T \wedge T : T$ $F \vee F : F$

Conditional "If...then" \rightarrow $T \rightarrow F : F$

Inverse

neg

Converse

switch

Contrapositive

neg + switch

Law of Detachment

Law of Disjunctive inference

Logically equivalent

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