

VOCABULARY

WORD

SYMBOL/NAME

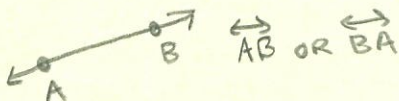
DEFINITION

POINT

• P (CAPITAL LETTER)

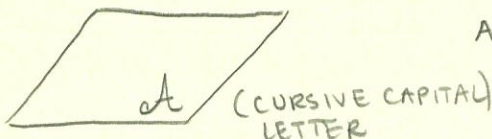
THE MOST BASIC BUILDING BLOCK OF GEOMETRY; HAS NO SIZE, IS DIMENSIONLESS, ONLY HAS LOCATION

LINE



A STRAIGHT, CONTINUOUS ARRANGEMENT OF INFINITELY MANY POINTS; HAS INFINITE LENGTH BUT NO THICKNESS

PLANE



A FLAT SURFACE THAT HAS INFINITE LENGTH & INFINITE WIDTH

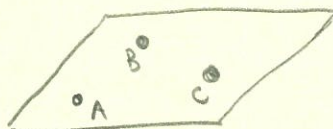
COLLINEAR



ON THE SAME LINE

EX. POINTS A, B, C ARE COLLINEAR
D, E, F ARE COLLINEAR

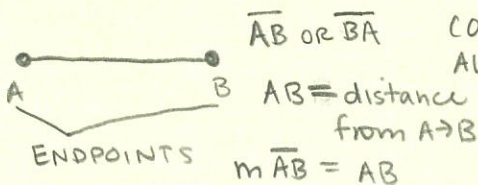
COPLANAR



ON THE SAME PLANE

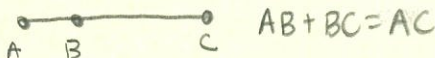
EX. A, B, C ARE COPLANAR

LINE SEGMENT (SEGMENT)



CONTAINS 2 ENDPOINTS & ALL COLLINEAR POINTS IN BETWEEN THEM

SEGMENT ADDITION



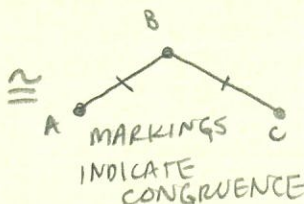
IF POINTS A, B, C ARE COLLINEAR, YOU CAN ADD SMALL SEGMENTS TO GET TOTAL DISTANCE

"IS EQUAL TO"

=

USED WITH NUMERICAL EXPRESSIONS THAT HAVE THE SAME VALUE

"IS CONGRUENT TO"



USED WITH FIGURES TO INDICATE THAT ONE FIGURE EXACTLY COINCIDES WITH ANOTHER

MIDPOINT

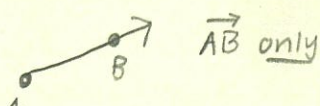


THE POINT ON A SEGMENT THAT IS THE SAME DISTANCE FROM BOTH ENDPOINTS

BISECT

TO DIVIDE INTO TWO EQUAL SEGMENTS

RAY



DEFINED BY TWO POINTS ON A LINE, A RAY CONTAINS THE FIRST POINT AND ALL POINTS ON THE LINE ON THE SAME SIDE AS THE SECOND POINT. HAS ONE DIRECTION