

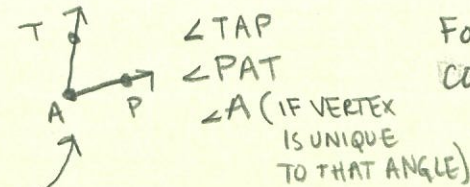
# VOCAB

WORD

SYMBOL / NAME

DEFINITION

ANGLE



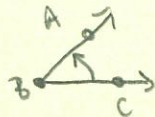
FORMED BY TWO NONCOLLINEAR RAYS W/ A COMMON ENDPOINT

VERTEX

A IS THE VERTEX  
\* MUST BE THE MIDDLE LETTER OF THE ANGLE NAME

THE COMMON ENDPOINT OF TWO RAYS THAT FORM AN ANGLE

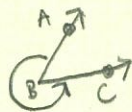
MEASURE OF AN ANGLE



$$0^\circ < m\angle ABC < 180^\circ$$

SMALLEST AMOUNT OF ROTATION ABOUT THE VERTEX FROM ONE RAY TO THE OTHER, MEASURED IN DEGREES

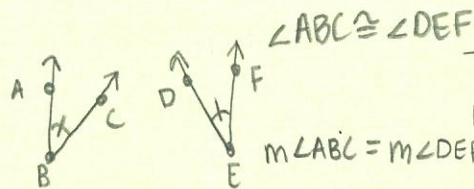
REFLEX MEASURE OF AN ANGLE



$$180^\circ < \text{reflex } m\angle ABC < 360^\circ$$

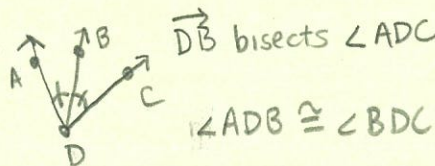
LARGEST AMOUNT OF ROTATION LESS THAN  $360^\circ$  BETWEEN THE RAYS

ANGLE CONGRUENCE



TWO ANGLES ARE CONGRUENT IFF THEY HAVE EQUAL MEASURES

ANGLE BISECTOR



A RAY THAT CONTAINS THE VERTEX AND DIVIDES THE ANGLE INTO 2 CONGRUENT ANGLES

ANGLE ADDITION

IF B IS IN THE INTERIOR OF  $\angle ADC$ , THEN  $m\angle ADB + m\angle BDC = m\angle ADC$ .

PROTRACTOR

A TOOL USED TO MEASURE ANGLES

RIGHT ANGLE



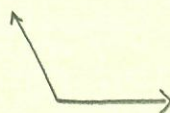
AN ANGLE THAT MEASURES  $90^\circ$

ACUTE ANGLE



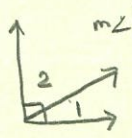
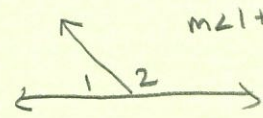
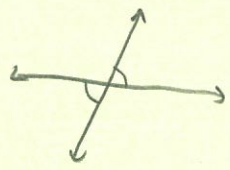
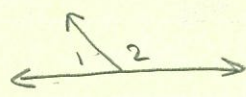
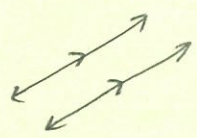
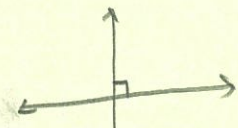
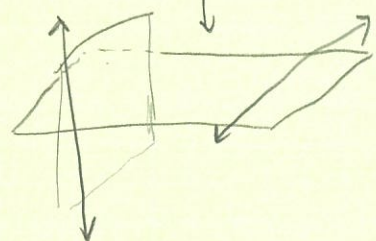
AN ANGLE THAT MEASURES  $< 90^\circ$

OBTUSE ANGLE



AN ANGLE THAT MEASURES MORE THAN  $90^\circ$  BUT LESS THAN  $180^\circ$

# VOCAB

WORD	SYMBOL/NAME	DEFINITION
COMPLEMENTARY ANGLES	$m\angle 1 + m\angle 2 = 90^\circ$ 	A PAIR OF $\angle$ 'S THAT SUMS TO $90^\circ$
SUPPLEMENTARY ANGLES	$m\angle 1 + m\angle 2 = 180^\circ$ 	A PAIR OF $\angle$ 'S THAT SUMS TO $180^\circ$
VERTICAL ANGLES		ANGLES FORMED BY TWO INTERSECTING LINES; THEY SHARE A COMMON VERTEX BUT NOT A COMMON SIDE
LINEAR PAIR OF ANGLES		TWO ANGLES THAT SHARE A COMMON VERTEX AND SIDE, & THEIR NONCOMMON SIDES FORM A LINE
PARALLEL LINES		LINES IN THE SAME PLANE THAT NEVER MEET
PERPENDICULAR LINES		LINES THAT INTERSECT AT $90^\circ$ $\angle$ 'S
SKEW LINES		LINES THAT NEVER MEET AND ARE NONCOPLANAR