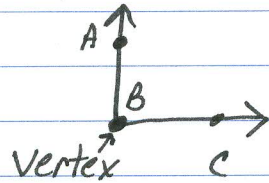


Section 1.3 1.4

angle



name $\angle ABC$
↑
vertex in middle

acute angle - less than 90°

obtuse angle - more than 90°

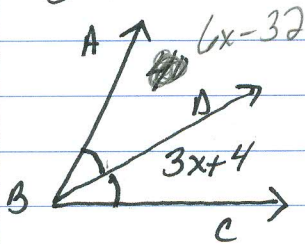
Right angle - 90°

Straight angle - 180°

\cong angles have the same measure

measure of angle $m\angle ABC$
↑

angle bisector - ray that cuts angle into 2 \cong halves

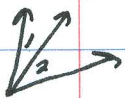


\vec{BD} \angle bisector of ABC

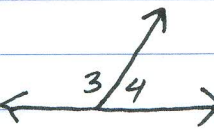
$$3x+4=40$$

$$3x=36$$

$$x=12$$



adjacent \angle s - 2 \angle s that share a common ray

 linear pair - 2 adjacent \angle s whose non common sides form a line.

Linear Pair Theorem - If 2 \angle s are a linear pair \rightarrow supplementary

Complementary angles If 2 \angle s are complementary \rightarrow
Sum is 90°

