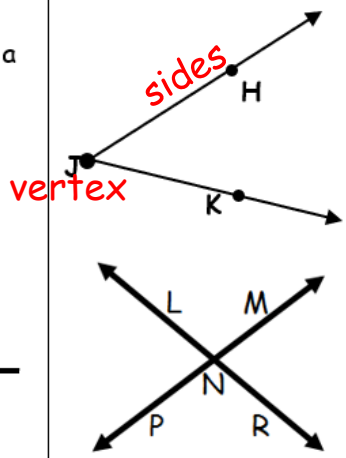
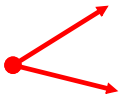
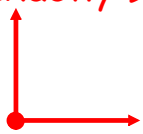
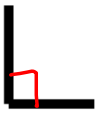
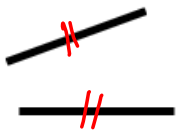
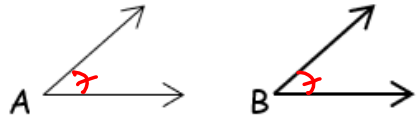
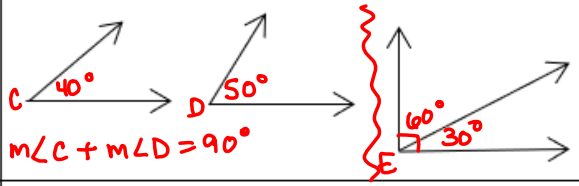
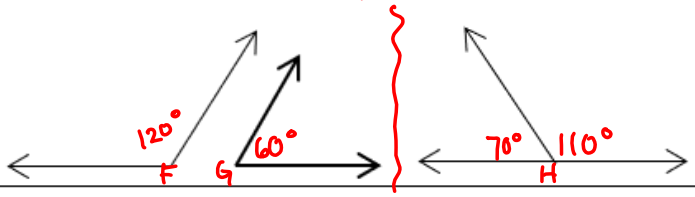
Definition	Example	Naming
Angle - 2 rays with a common endpoint. Can also be created by the intersection of lines or segments		• just the vertex if it is the ONLY angle with that vertex OR • three letters side - vertex - side

Types of Angles – Classified by measure

Acute	Right	Obtuse	Straight
less than 90°	exactly 90°	between 90° and 180°	exactly 180°
			

Key markings

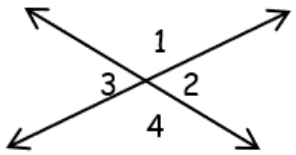
Parallel	Perpendicular	Congruent
Will never cross		

Notes		
Congruent Angles Angles with the same measure.		statement $\angle A \cong \angle B$
Complementary Angles Two angles whose measures add up to 90°.	 $m\angle C + m\angle D = 90^\circ$	
Supplementary Angles Two angles whose measures add up to 180°.		

Draw two intersecting lines on a piece of patty paper.

Number the angles as shown below and color angle 1 with a highlighter.

Angle Pair relationships – one intersection

Definition	Example	Properties
Linear Pair Two adjacent angles that make a straight angle. Share a side	$\angle 1$ and $\angle 3$ $\angle 2$ and $\angle 4$ $\angle 1$ and $\angle 2$ $\angle 3$ and $\angle 4$ 	supplementary
Vertical Angles Two non-adjacent angles formed by two intersecting lines.	$\angle 1$ and $\angle 4$ $\angle 2$ and $\angle 3$	congruent