

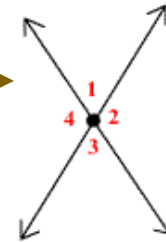
Linear Pair and Vertical Angles, with Theorems

Linear Pair – is a pair of adjacent angles formed when two lines intersect.

Theorem- if two angles form a linear pair, then they are supplementary.

Linear Pair Property- a linear pair is a pair of adjacent, supplementary angles.

Linear Pair Postulate- two angles are a linear pair if the angles are adjacent and the two unshared rays form a line.

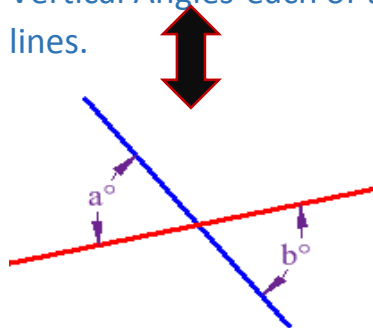


Real Life Example- Is how the highway intersect to create two adjacent angles on either side for cars to travel on.

Video Link-

www.youtube.com/watch?v=O0pDSTJO2Z8

Vertical Angles- each of the pairs of opposite angles made by two intersecting lines.



Theorems- the vertical angles are always congruent

Vertical Angle Postulate- if two angles form a linear pair, then the measure of the angles add up to 180 degrees

Real Life Example- Is how the wire in a fence intersect making vertical angles.



Web Page Link-

https://www.wyzant.com/resources/lessons/math/...angles/angle_theorems