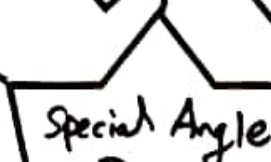
Name_____ Date_____ Per_____

Geometry: Special Angle Pairs Notes/Activity

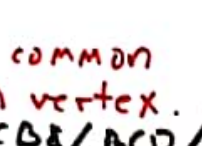
Special Angle Pairs



vertex
∠ACB
∠BCA

Vertical Angles:

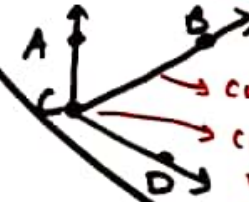
Pairs of angles that are opposite made by 2 intersecting lines, and are congruent (same ≅).



∠ACD ≅ ∠DCE

Adjacent Angles:

2 angles that have a common side and a common vertex.



∠ACB & ∠BCD

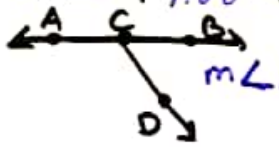
common side

common vertex

Linear Pair:

+180

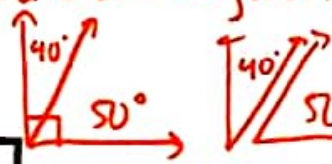
2 adjacent angles that intersect a line or share a line. Add to 180°



m∠ACD + m∠BCD = 180°

Complementary Angles:

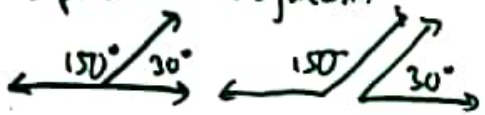
2 angles that add to 90°. Seperate or adjacent.



+90

Supplementary Angles:

2 angles that add to 180° Seperate or adjacent



+180

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