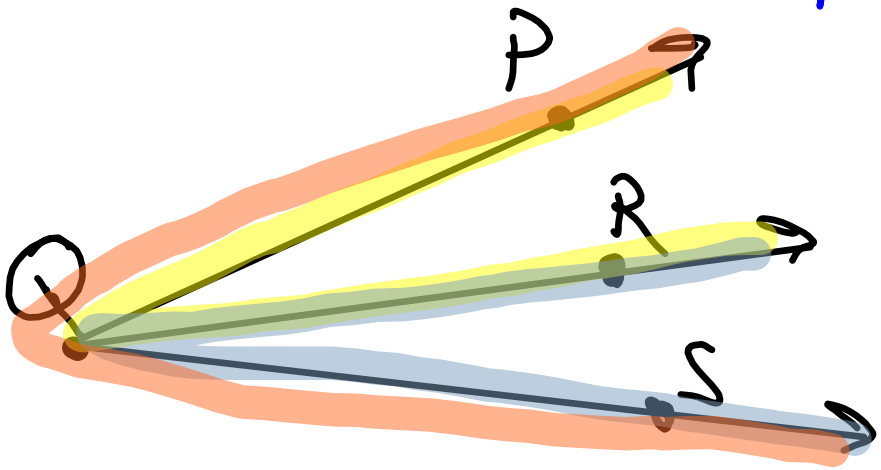
5.3: Special Angles

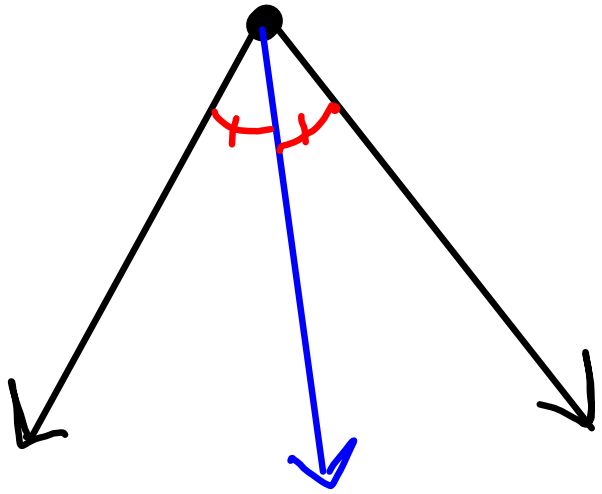
Jan. 24, 2007

adjacent angles: 3 or More ray's that have a common endpoint.



$\angle PQR$
$\angle RQS$
$\angle PQS$

angle bisector: a Ray that forms 2 adjacent angles w/ the same measure.



⌒ means equal measurments

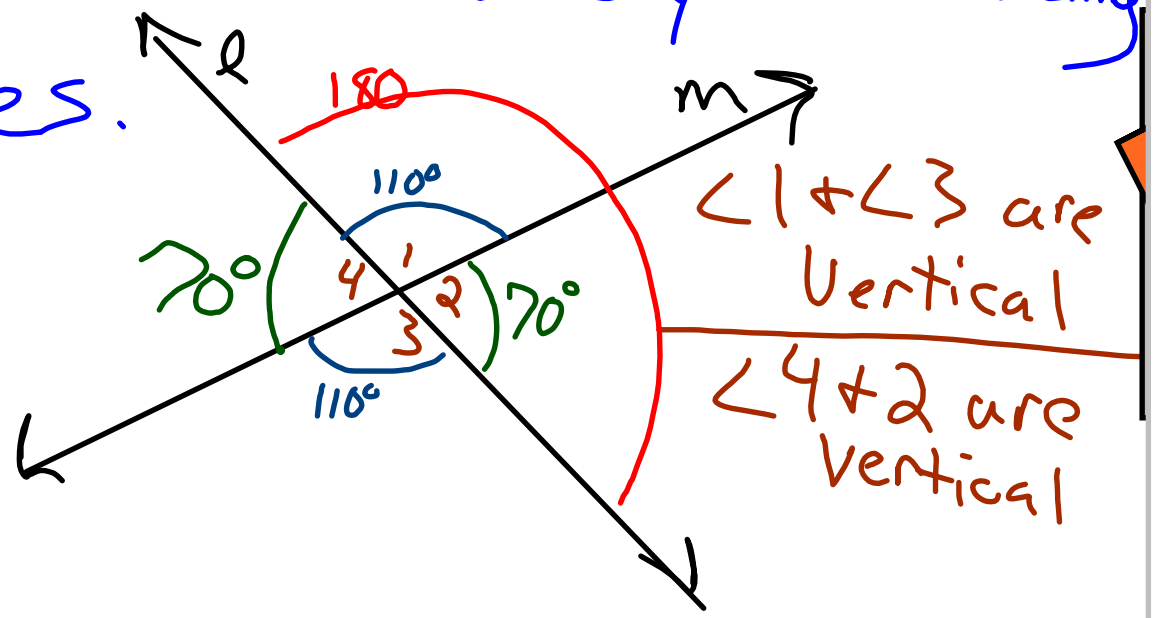
Supplementary: 2 angles whose sum of their degrees measure 180°

125+55 = 180°

Complementary: 2 angles whose sum of their degrees measure 90°

20+70=90°

Vertical angles: 2 non-adjacent angles formed by 2 intersecting lines.



∠1 & ∠3 are Vertical

∠4 & 2 are Vertical

Theorem 5.1: Thm 5.1

* Vertical Angles have the Same Measure.

O.T.L.

① pg 151-152: Written:

2, 4, 5, 10, 15, 16, 20, 24,
32, 33, 36, 38, 42, 46, 47