5.3 : Special Angles

<u>ad ja cent angles</u>: 3 or More ray's that have a common endpoint.
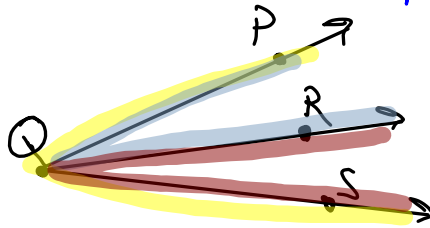
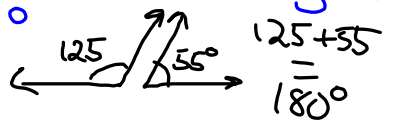<PQR
<RQS
<PQS

angle bisector: a Ray that forms 2 adjacent angles w/ the same measure.
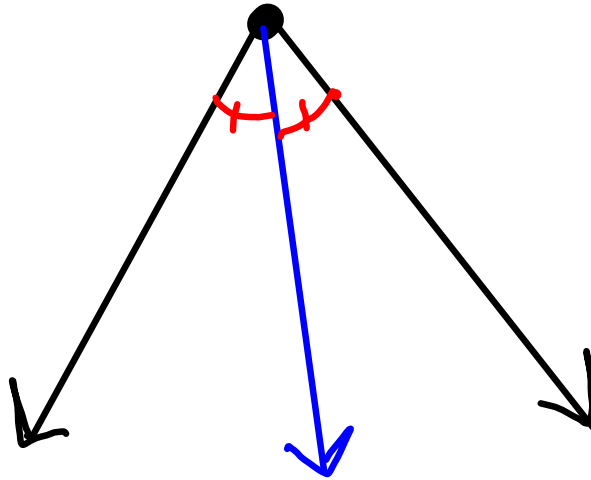
means equal measurments
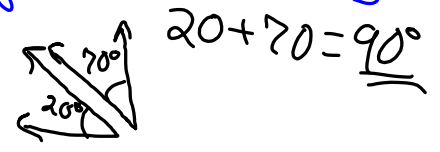
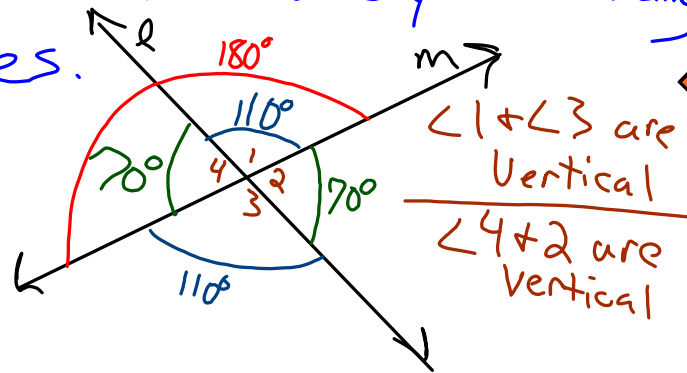## Supplementary: 2 angles whose sum of their degrees measure 180°

125   55°   125+55
               =
              180°

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

70°
20°   20+70 = 90°

<u>Vertical angles</u>: 2 non-adjacent angles formed by 2 intersecting lines.

○

$\angle 1 + \angle 3$ are vertical

$\angle 4 + 2$ are vertical

<u>Theorem 5.1</u>: Th^m 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