
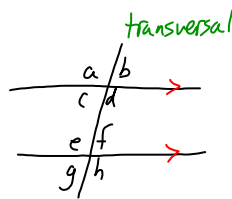


Review of Angles + Triangles

complementary angles  $a + b = 90^\circ$

supplementary angles  $a + b = 180^\circ$

vertical opposite angles  $a = c$
 $b = d$



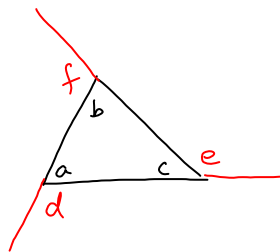
corresponding angles are equal $a = e, b = f$
 $c = g, d = h$

alternate interior angles are equal $c = f, d = e$

alternate exterior angles are equal $b = g, a = h$

same side interior angles are supplementary
 $c + e = 180^\circ$
 $d + f = 180^\circ$

same side exterior angles are supplementary
 $a + g = 180^\circ$
 $b + h = 180^\circ$



sum of the interior angles is 180°
 $a + b + c = 180^\circ$

- d, e and f are exterior angles
- exterior angle is equal to sum of the non-adjacent interior angles

$$d = b + c$$

$$e = a + b$$

$$f = a + c$$