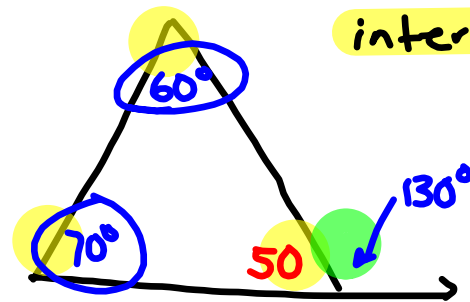


Section 4.2 Angles in Triangles

Obj: Apply the angle sum theorem and apply the exterior angle theorem.

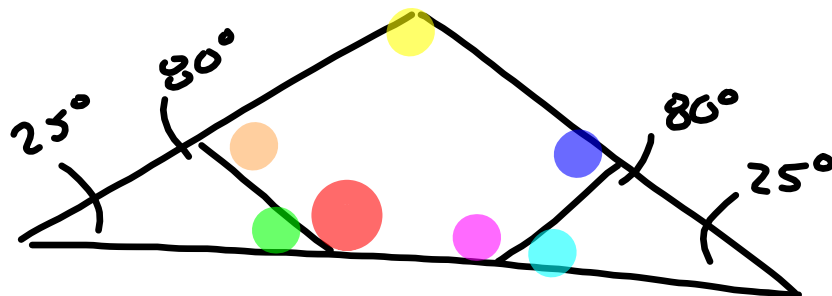
The three angles of any triangle have a sum of 180°





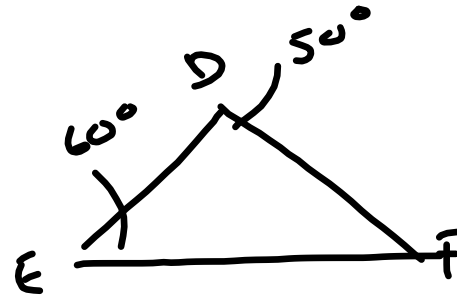
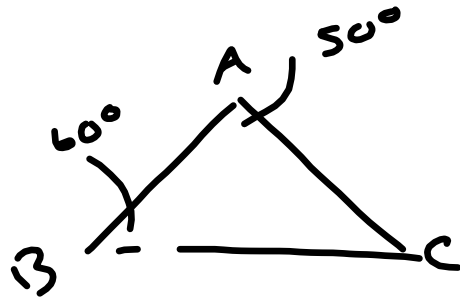
interior = 180°

non adjacent

An exterior angle is congruent to the sum of the two remote angles.



-  = 130°
-  = 75°
-  = 75°
-  = 105°
-  = 100°
-  = 100°
-  = 105°



Pg 174
1-4 all
18-38 all
52

What can I say about $\angle C$ and $\angle F$?

If two angles from one triangle are congruent to two angles from another, then the third set is congruent.