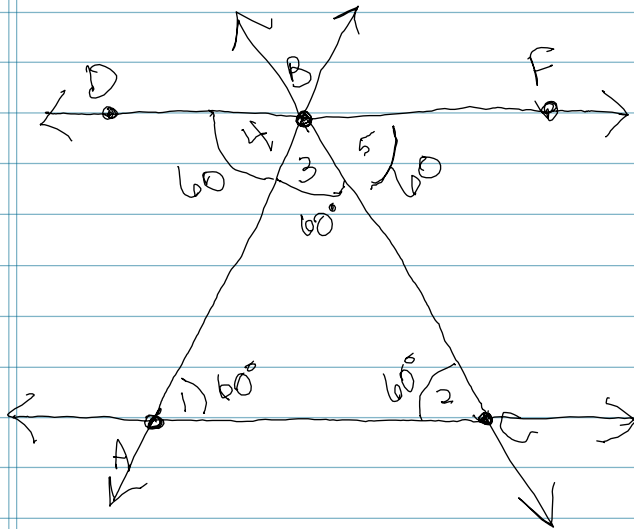


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Day 4 - Unit 3 All triangles have interior angles which add up to 180° !

Draw an equilateral triangle:



Step 1: Draw a line parallel to \overleftrightarrow{AC}

given

\overleftrightarrow{AB} is a Transversal

\overleftrightarrow{BC} is a Transversal

1st proof

Statement	Reason
$\overleftrightarrow{AC} \parallel \overleftrightarrow{DF}$	given
\overleftrightarrow{AB} Transversal	given
$\angle 1 = \angle 4$	Alt. int \angle 's
$\angle 2 = \angle 5$	Alt. int \angle 's
$\angle 3 + \angle 4 + \angle 5$	creates Supplemental \angle 's 180°