

1-6-14

1<sup>st</sup> Geo

① Can a triangle have side

lengths of

A.  $\boxed{2, 6}$

9 4 X

$6-2$   $6+2$

B.  $\boxed{6, 4, 8}$

$2 \checkmark$

10 ✓

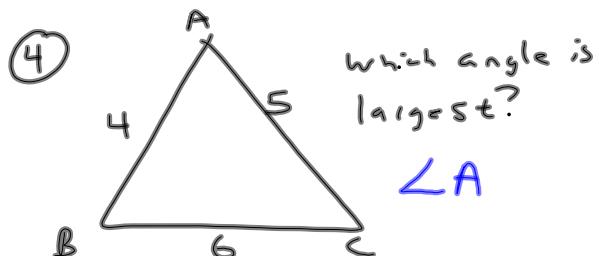
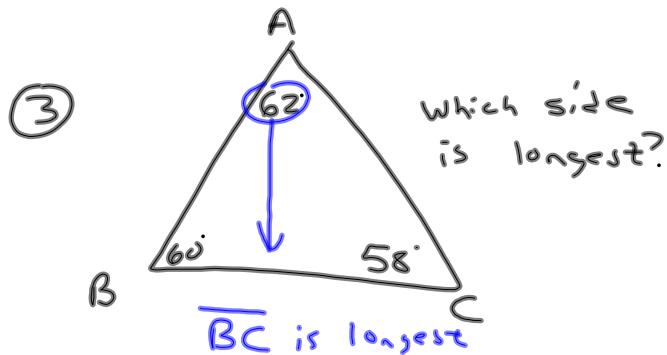
② I have two pieces of wood

of lengths 4 ft. and 7 ft.

What could be possible lengths  
of a 3" piece if I wanted  
to make a triangle?

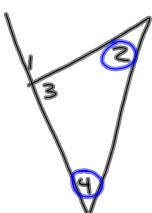
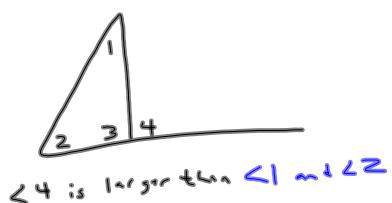
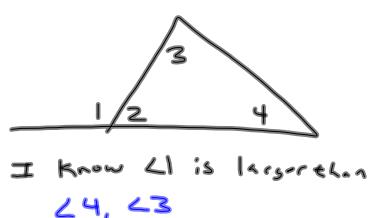
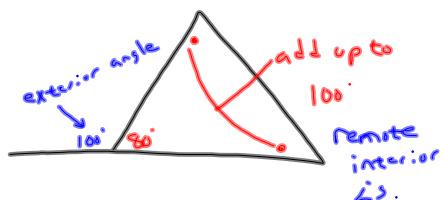
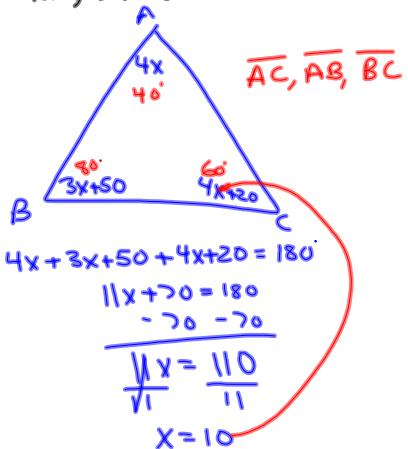
7-4 7+4

$3 < m < 11$

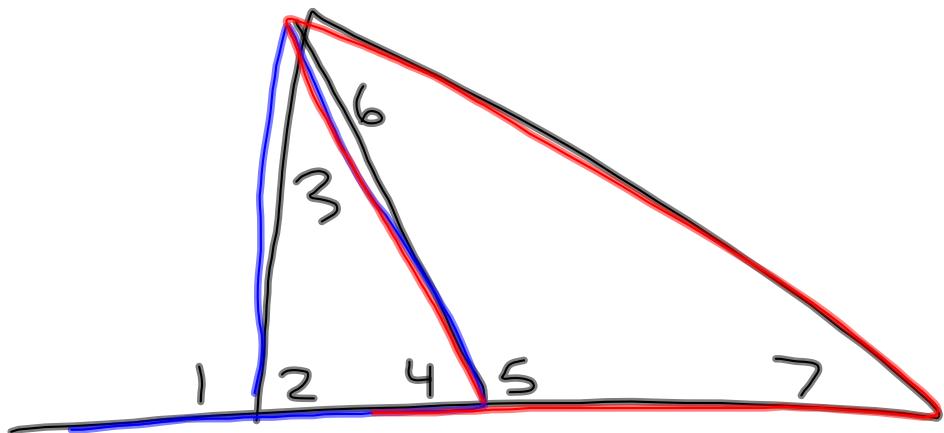


In  $\triangle ABC$   $\angle A = 4x$ ,  
 $\angle B = 3x + 50$ ,  $\angle C = 4x + 20$ .

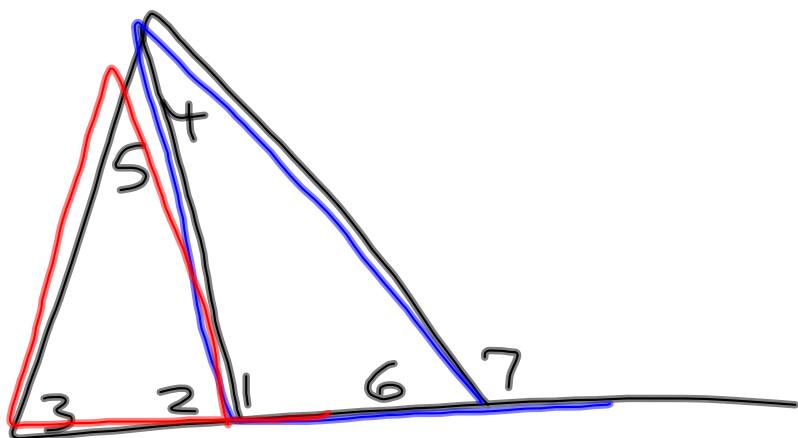
Put sides in order from  
 largest to smallest.



$\angle 1$  is bigger than  $\angle 2$  and  $\angle 4$ .



$\angle 1$  is larger than  $\angle 3, \angle 4, \angle 6, \angle 7$ .



$\angle 7$  is larger than  $\angle 1, \angle 4, \angle 3, \angle 5$