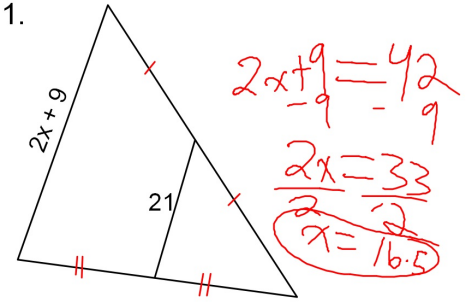
Bellwork Monday, February 3, 2014

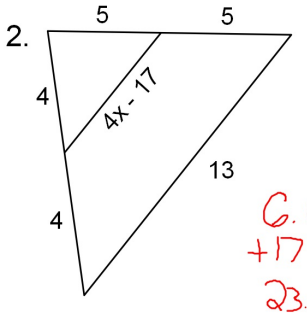
Find the value of x.

1.



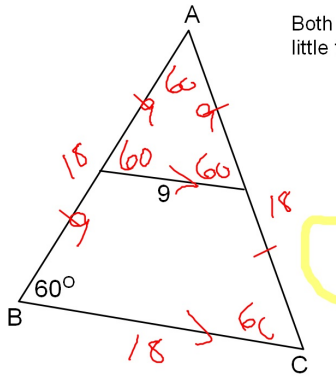
$2x+9=42$
$-9 \quad -9$
$\frac{2x}{2}=\frac{33}{2}$
$x=16.5$

2.



$6.5=4x-17$
$+17 \quad +17$
$\frac{23.5}{4}=\frac{4x}{4}$
$x=5.875$

3. Find the length of $\overline{AB}$.



Both the big triangle and little triangle are equilateral triangles.

$\overline{AB}=18$