**Homework #9: p.45 #3-14all, 16-21all**

**Use the figure for #’s 1 and 2 on p. 45 to answer the following:**

1) Given that $m∠CBE=120°$, $m∠DBE=70°$ find $m∠CBD$

2) $If m∠DBE=80°$ and $m∠FBE=40°$, find the remaining angle measures in the figure.

3) If $m∠CBD=2x+4$, $m∠DBE=3x and m∠CBE=89°$ find x.

4) Given that $m∠CBD=x$, $m∠DBE=13x+12 and m∠EBF=2x-8$ find $m∠DBE$.