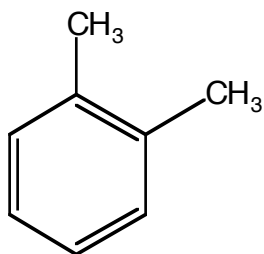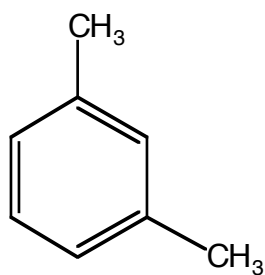Answers to Problem 19, Chemistry 301X - 2006
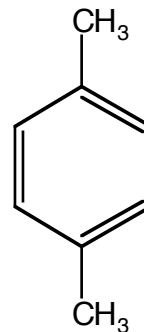
(a) there are three (called ortho-, meta-, and para)

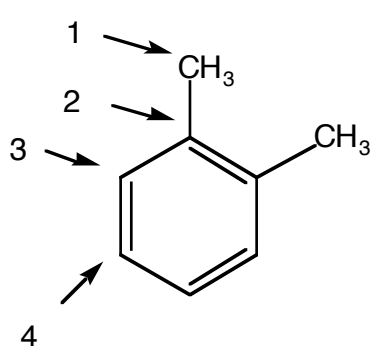o-xylene   m-xylene   p-xylene
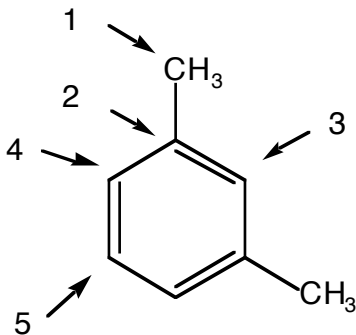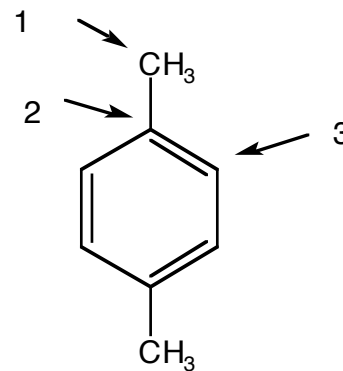
(b). It is easy - just count the different numbers of carbons.

o-xylene   m-xylene   p-xylene