

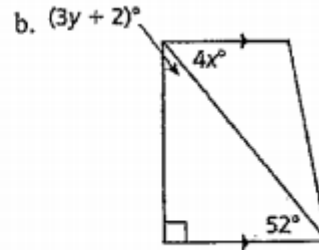
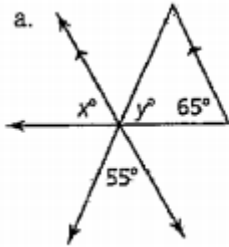
Period:

HW #3-5

Complete the following on a separate sheet of graph paper: **pg. 152 #1, 16, 18, 20, 23, 25, 27, 31, 34-40 even**
Submit all on BI except #16 and #27

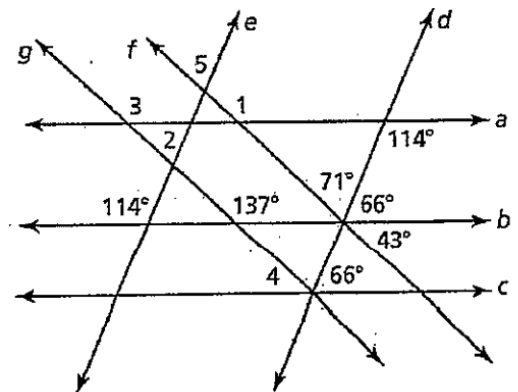
The complete the rest of this worksheet. You may complete the following on this sheet. Staple the book work to this worksheet when you are done to turn in.

1. Find the values of x and y .



2. In the diagram, $e \parallel d$, $g \parallel f$, and $a \parallel b \parallel c$. Find the following:

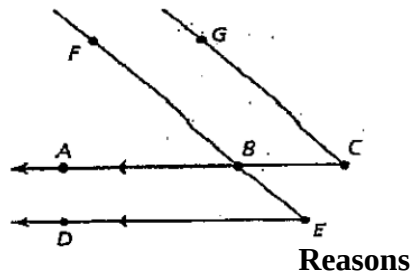
- a. $m\angle 1 =$ _____
- b. $m\angle 2 =$ _____
- c. $m\angle 3 =$ _____
- d. $m\angle 4 =$ _____
- e. $m\angle 5 =$ _____



3. Write a two-column proof.

Given: $\overline{CA} \parallel \overline{ED}$, $m\angle FED = m\angle GCA = 45^\circ$

Prove: $\overline{EF} \parallel \overline{CG}$



Statements	Reasons