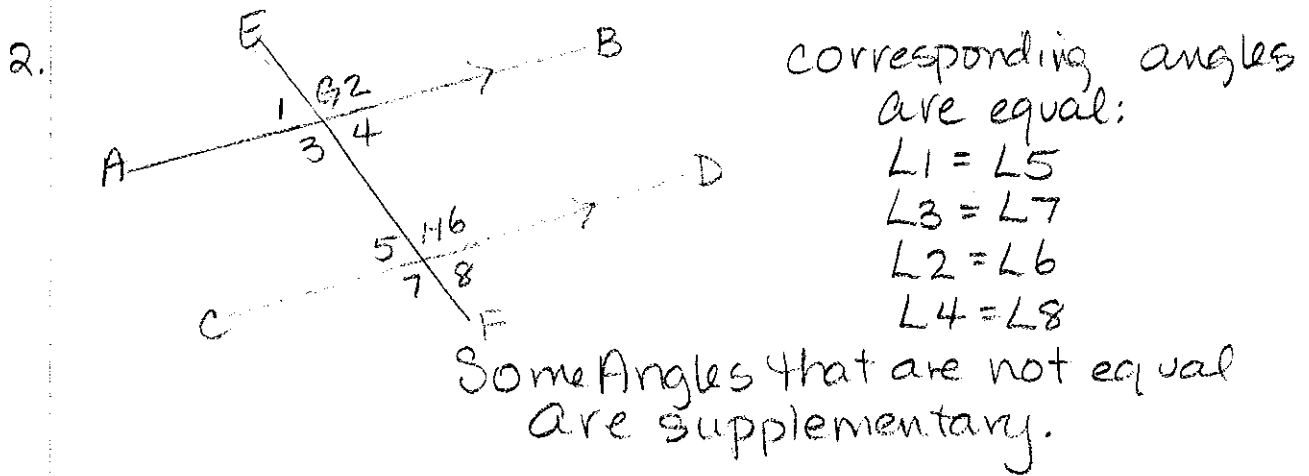


Foundations of Math II

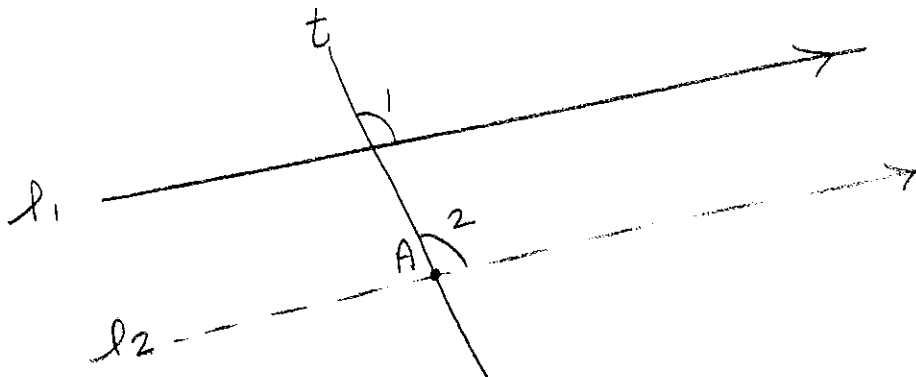
2.1

p. 72 #1-6

- a) parallel lines: rails, stringers
transversals: ties under rails, struts
- b) You can't show parallel lines in the photo because of the "vanishing point" perspective that photos have. It looks like parallel lines meet in the distance.



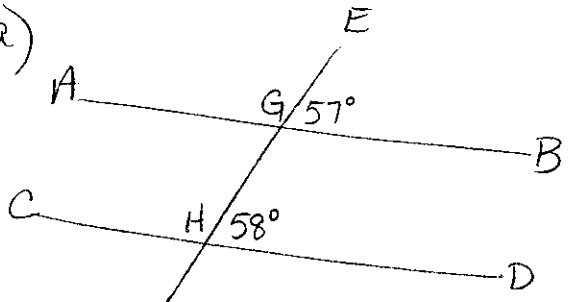
3. Draw a line (l_1) and a transversal (t). Measure the angle between them ($\angle 1$) and create the same angle ($\angle 2$) in another location A on the transversal. Draw the second (l_2) across the transversal.



4. The cuts are the parallel lines and the edge of the wood is the transversal

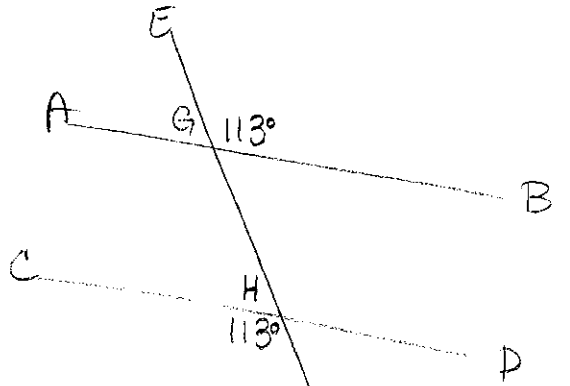
p. 72 cont.

5. a)



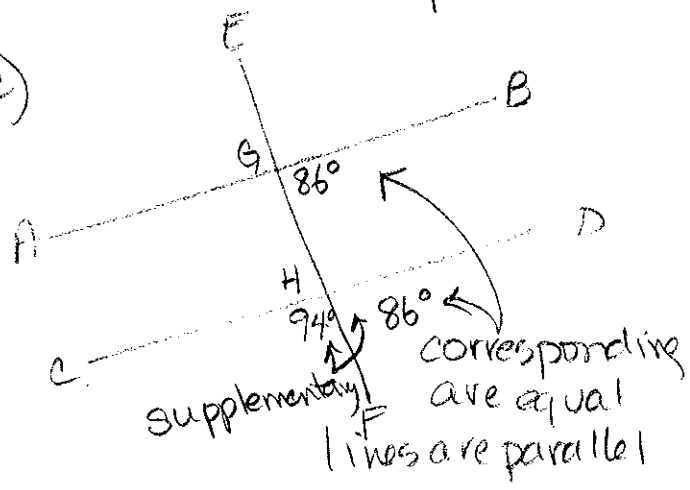
F The angles 57° and 58° are corresponding L's and would be equal but the lines are not parallel

b)

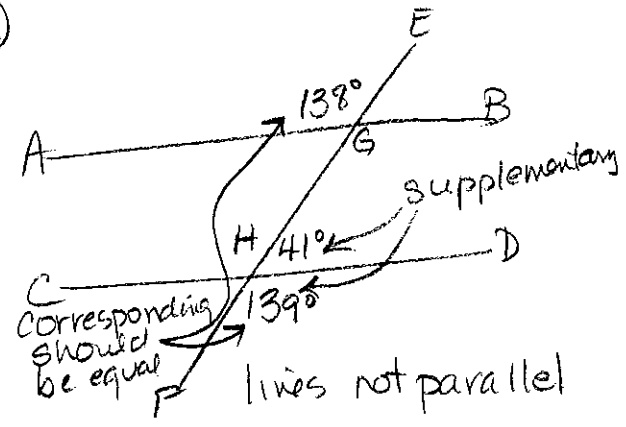


exterior angles are equal so lines are parallel

c)



d)



6. The diagonal lines are parallel - use a ruler to measure the distance apart.