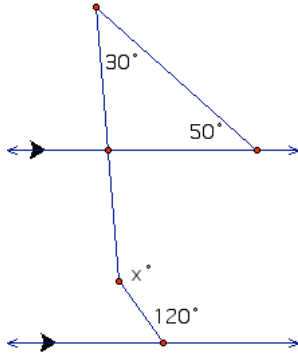


Geometry Test 8 Mr. Holcomb 2008/2009
Candy cane or sugar cookie?

Problem

1. (5 points) Find the value of x . Justify in a way that clearly and convincingly guides me to your answer.

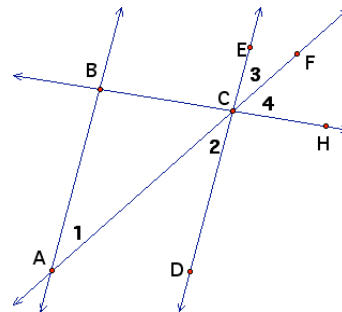


2. (1 point)

Given: \overleftrightarrow{CF} bisects $\angle ECH$, $m\angle 1 = m\angle 4$

Prove: $\overleftrightarrow{AB} \parallel \overleftrightarrow{DE}$

Plan:



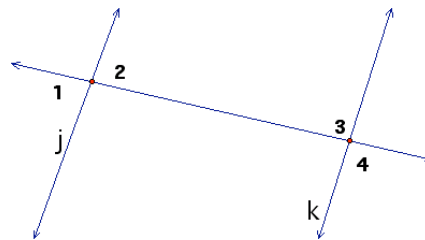
Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

3. (1 point)

Given: $\angle 1$ and $\angle 4$ supplementary.

Prove: $j \parallel k$

Plan:



Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.