

Geometry Test 7 Mr. Holcomb 2008/2009

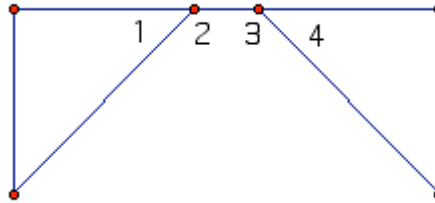
Favorite animal: _____

Problem

1. (17 points)

Given: $\angle 2 \cong \angle 3$

Prove: $\angle 1 \cong \angle 4$



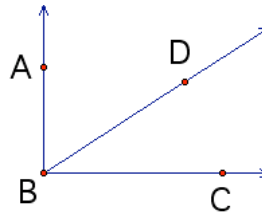
Plan:

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

2. (17 points)

Given: $\angle ABD$ and $\angle DBC$ are complementary.

Prove: $\angle ABC$ is a right angle.



Plan:

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