Geometry R – Mr. Bo Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 3 – Test Day HW Notes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Use a compass and straight edge to compete each construction:

|  |  |
| --- | --- |
| a. The perpendicular bisector of . | b. The angle bisector of . |

|  |  |
| --- | --- |
| a. A line through D, perpendicular to . | b. A line through D, parallel to . |

2.

|  |  |
| --- | --- |
|  | a. Prove is a right triangle. |
| b. Is isosceles? Justify your claim. | c. Graph and label the image of under . Explain why  is a right angle. |

3. Given: bisects  and 

 

 Prove: 

