4. Given: bisects

bisects

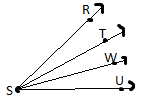
Prove:

|  |  |
| --- | --- |
| Statements | Reasons |
| 1. | 1. |
| 2. | 2. Definition of Angle Bisector |
| 3. | 3. Definition of Angle Bisector |
| 4. | 4. Transitive Property |

**14.Given:**

**Prove:**

|  |  |
| --- | --- |
| **Statements** | **Reasons** |
| **1.** | **1.** |
| **2.** | **2.** |
| **3. + m = \_\_\_\_\_\_\_**  **+ m = \_\_\_\_\_\_\_** | **3.** |
| **4.** | **4. Substitution** |
| **5. + m= + m** | **5.** |
| **6.** | **6. Subtraction Property** |
| **7.** | **7. Definition of Congruency** |



15. Given:

Prove:

|  |  |
| --- | --- |
| Statements | Reasons |
| 1. | 1. |
| 2. + \_\_\_\_\_\_\_= \_\_\_\_\_\_\_  + \_\_\_\_\_\_\_= \_\_\_\_\_\_\_ | 2. Angle Addition Postulate |
| 3. | 3. Substitution |
| 4. | 4. Substitution |