**Secondary Math 2 1.1 Homework Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_**

**Solve and fill in the reason that justifies each step.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 1) **Given:**  **Prove:**   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | 2) **Given:**  **Prove:**   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |
| 3) **Given:**  **Prove:**   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | 4) **Given:**  **Prove:**   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5) **Given:** C is the midpoint of  **Prove:** x=6   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | 6) **Given:** Y is the midpoint of  **Prove:** x=18   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |
| 7) **Given:** HK = 42  **Prove:** x=5   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | | 8) **Given:**  **Prove:** x=4   |  |  | | --- | --- | | **Statement** | **Reason** | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |