Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line Plot Homework

|  |  |
| --- | --- |
| Students | Heights of Students (in feet) |
| Leah | 3 1/2 ft. |
| Sam \* | 4 1/2 ft. |
| Jacob \* | 3 5/8 ft. |
| Suzi | 3 7/8 ft. |
| Jackie | 4 3/4 ft. |
| Kathy | 3 6/8 ft. |
| Robert \* | 4 6/8 ft. |
| Eric \* | 4 1/4 ft. |
| Sharon | 4 3/8 ft. |
| Mark \* | 3 7/8 ft. |
| Cat | 4 ft. |
| Mitzi | 4 5/8 ft. |
| Katie | 4 3/4 ft. |
| Chris \* | 3 5/8 ft. |
| Justin \* | 3 7/8 ft. |
| Anthony \* | 4 ft. |
| Zoe | 4 7/8 ft. |
| Bassil \* | 4 1/4 ft. |

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Create a line plot to the nearest 1/8 of an inch with the table of data above.

1. What is the range from the shortest to the tallest student in the class? Show your thinking.

2. Who is taller the sum of the girls or the sum of the boys? (The boys have an \* next to their name.