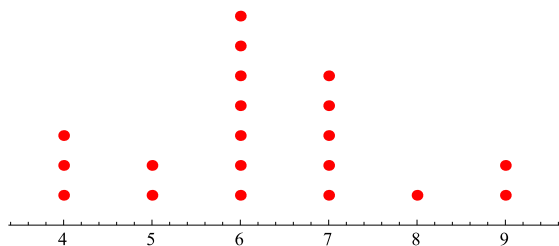


## 6.SP.2 Worksheet

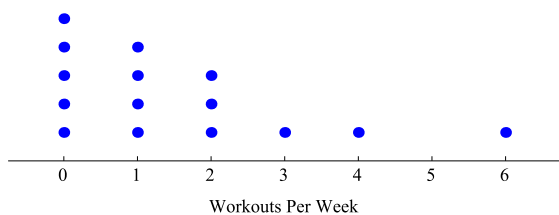
### Solutions

Use the following to answer problems 1-4. The 20 students in Mr. Glennon's class counted the number of letters in their first names. The distribution of this data is shown in the dot plot below.



1. Is the data here symmetric or skewed? **Symmetric**
2. What is the center of this distribution? **6 or 7 letters**
3. What is the fewest number of letters in the names from this data? **4 letters**
4. What is the difference between the most number of letters in a name and the fewest numbers of letters? **5 letters**

Use the following to answer problems 5-8. A group of 15 math teachers were asked how many times per week they worked out. The rather sad results are displayed in the dot plot below.



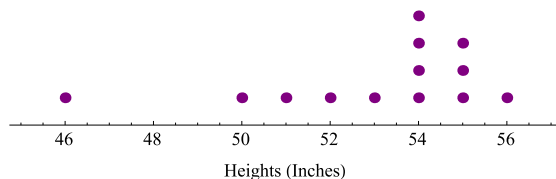
5. Describe the shape of this distribution. **Skewed right**

6. What is the most common number of workouts per week? **0 workouts**

7. What is the center of this distribution? **1-2 workouts**

8. The numbers of workouts fall between which two numbers? **0 and 6 workouts**

Use the following to answer problems 9-10. The Munchkin basketball team is the worst team in all of Oz. The dot plot shows the heights (in inches) of the Munchkins on the team.



9. What is the center of this distribution? **53-54 inches**

10. Describe the shape of this distribution. **Skewed left**