

- 1) Place a dot for each statistic (score) on the number lines, one number line for each team.
- 2) Watch the video on box and whiskers before attempting the second part of this task.
- 3) Let me know if you are having any trouble.
- 4) You do not have to print, you may do on a sheet of paper.

Name \_\_\_\_\_

## STATISTICS PRACTICE

Two basketball teams have recorded the number of points they scored each game this season. Use this data to complete the following exercises.

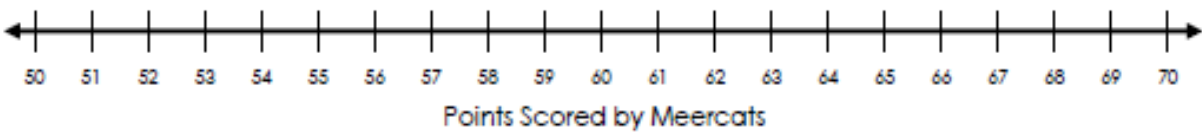
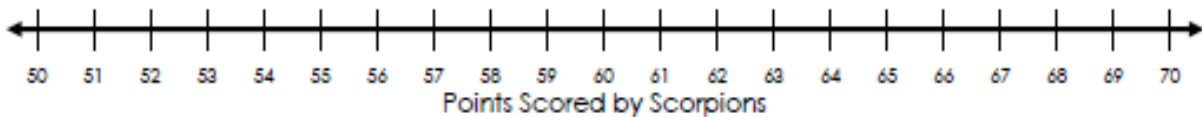
**The SCORPIONS:**

55 56 60 60 61 57 65 58 55 56 62 61 57 59 55 57 61 58

**The MEERCATS:**

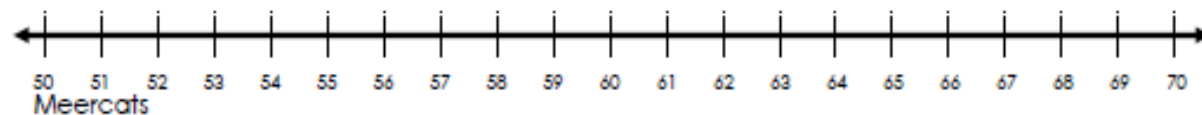
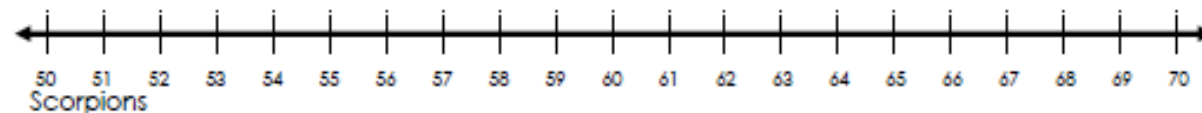
70 50 70 53 68 67 55 60 65 70 66 51 70 64 67 67 57 64

**Create a dot plot of each team's data.**



**Compare the 2 teams based on the dot plots:**

**Create a box and whiskers blot of each team's data.**



**Explain why the shapes of the box and whiskers plots differ.**

**Bonus: Calculate the mean and mean absolute deviation for each team.**