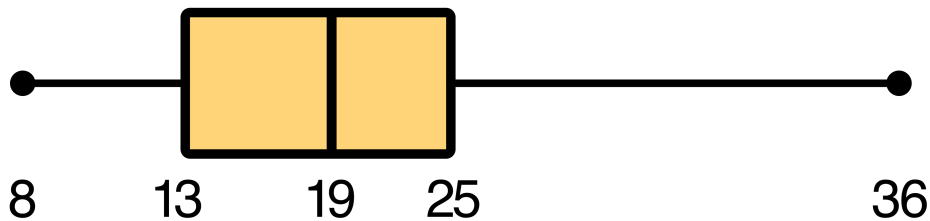


Name: _____

Analyzing Box-and-Whisker Plots

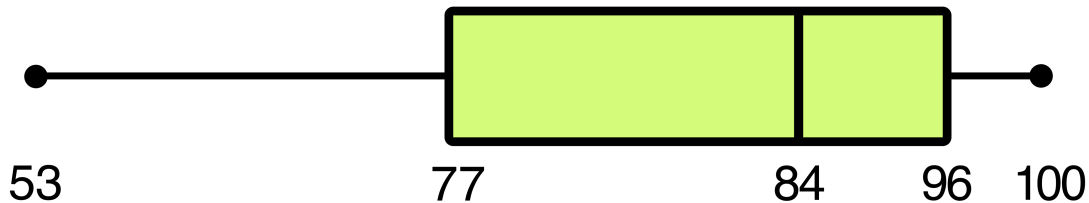
Directions: Use the box-and-whisker plot graphs below to answer the questions that follow.

1.) Robinson's Points Scored Per Game



- A.) What was the highest total points scored? _____
- B.) What was the lowest total points scored? _____
- C.) What was the median number of points scored? _____
- D.) What percent of games did Robinson score 19 or more points? _____
- E.) What percent of games did Robinson score 13 points or fewer? _____
- F.) How many points do you think Robinson will score in his next game and why?

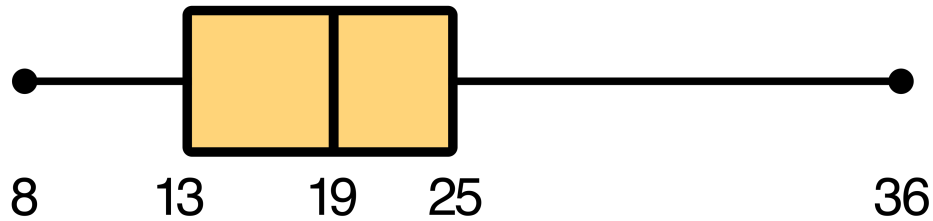
2.) Science Test Scores (as Percents)



- A.) What was the highest grade on the test? _____
- B.) What was the lowest total grade on the test? _____
- C.) What was the median test score? _____
- D.) What percent of test scores were greater than 96%? _____
- E.) What percent of test scores were less than 96%? _____
- F.) Do you think that students performed well on this test overall? Why or why not?

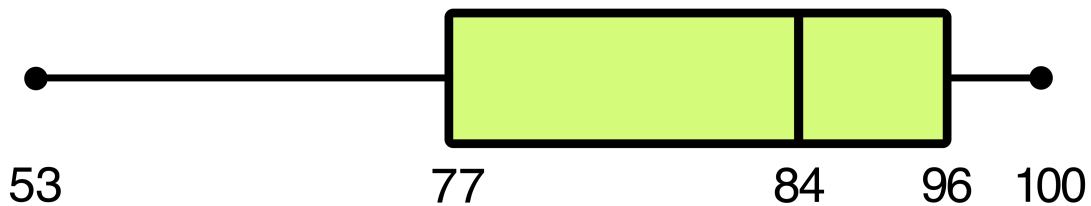
ANSWER KEY

1.) Robinson's Points Scored Per Game



- G.) What was the highest total points scored? **36**
- H.) What was the lowest total points scored? **8**
- I.) What was the median number of points scored? **19**
- J.) What percent of games did Robinson score 19 or more points? **50%**
- K.) What percent of games did Robinson score 13 points or fewer? **25%**
- L.) How many points do you think Robinson will score in his next game and why?
Answers will vary.

2.) Science Test Scores (as Percents)



- G.) What was the highest grade on the test? **100%**
- H.) What was the lowest total grade on the test? **53%**
- I.) What was the median test score? **36%**
- J.) What percent of test scores were greater than 96%? **25%**
- K.) What percent of test scores were less than 96%? **75%**
- L.) Do you think that students performed well on this test overall? Why or why not?
Answers will vary.