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.