# **Answer Key: Who's On Your Team**



#### Dave

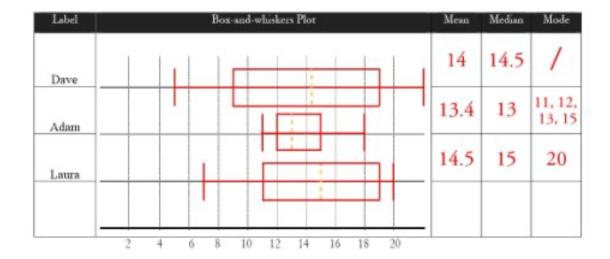


#### Adam

Smallest ↓		Median ↓							Largest ↓	Mean = 134/10 = 13.4
11	11	12	12	13	13	14	15	15	18	Median = 13
							↑ Upper quartile			Mode = 11, 12, 13, 15

### Laura





## **Analysis Questions:**

1. Which player has the smallest range of points? List the name and range.

Adam range = 7

2. Which player has the largest range of points? List the name and range.

Dave range = 17

3. Compare and contrast the upper extremes. What does this tell you about the players?

Dave has the highest scores with 20 points in a game, Laura has the next highest, and Adam has the lowest number of points in a game for an upper extreme with 16 points. It may seem like Dave is the best player, but his box-and-whisker graph is also the widest, indicating a greater difference in points among the games he played.

4. Compare and contrast the lengths of the boxes. What does the length of the box tell you about the players?

The length of the boxes indicates the consistency of the points scored. Although Adam has the fewest number of points scored and the lowest mean, he is also the most consistent player among the three.

5. Which player would you want on your team? Explain.

I would choose Adam because he is the most consistent player and would play a more consistent game. I could "count on" his scoring more points.