

1. Answers:

- a. 45.2%
- b. 66.0%
- c. 57.2%
- d. 48.2%

2. It means that for those people who made more than three donations, the region's average median home value doesn't make a difference in whether they make an additional donation.

3. Answers:

- a. GiftCnt36 – Gift Count 36 Months; because it has the highest logworth value, which means it does the best job of differentiating between future donors and non-donors.
- b. Gift Count 36 Months is the first variable chosen by SAS to split the tree.