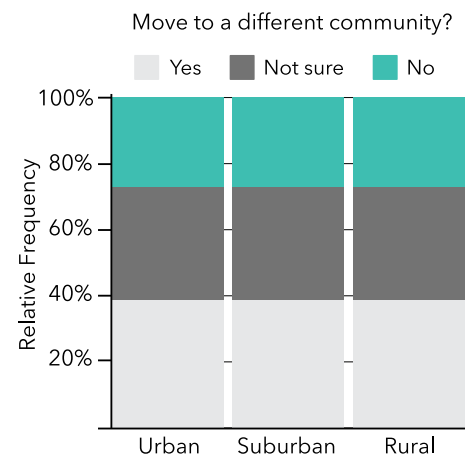


1.
 - a. About 16%
 - b. About 19%
 - c. We don't know for certain. While there is a higher percent of students grades 8 – 12 who sometimes skip breakfast, we don't know the number of students sampled from each grade level group, so we don't know how many students sometimes skip breakfast for each grade level group.

2.
 - a. Of the people surveyed who live in urban areas, 37% of them replied Yes they would like to move to a new community.
 - b. Of the people surveyed who live in rural areas, 25% of them replied Yes they would like to move to a new community.
 - c. Knowing a person's type of community helps us to predict their opinion about moving to a different community. A person who lives in an urban community is more likely to want to move than a person in a rural community.
 - d. Answers will vary. Correct answers must have the same relative frequencies across each of the three community types.



3. a. 50%
 b. 30%
 c. The bar for “No music” is twice as wide as the bar for “Music” because the number of students who had no music (60) was twice as many as the number of students who had music (30).
 d. $(0.50)(30) + (0.30)(60) = 15 + 18 = 33$ students
 e. $(0.10)(60) = 6$ students

4. D

5. D