



NAME _____

DATE _____

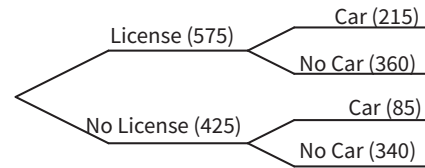
PERIOD _____



Quick Quiz 1: Lessons 1–4

1. Data was collected from students about whether they had a driver's license and/or access to a car.

Use the data shown in the table to find the probabilities in a-e.



- a. Probability a student has a license. $P(\text{license}) =$
- b. Probability a student has a car. $P(\text{car}) =$
- c. Probability of having a license or a car. $P(\text{license or car}) =$
- d. Probability of a student having a car, given that they have a license. $P(\text{car}|\text{license}) =$
- e. Probability of having a license and a car. $P(\text{license and car}) =$
2. Use the data in problem 1 to make a two-way frequency table and use it to find the probability that a student will have a license, given that they have access to a car. Give a reason why this probability is reasonable.