Fractions to Describe Probability

Ms. Forman put the names of her students into a hat. She is going to pick names at random for a game.

Use the table to solve.

1. What is the probability that Ms. Forman will pick a name that begins with M?

2. What is the probability that the name picked will not begin with a D?

3. What is the probability that the name picked will begin with an A, B, or C?

4. What is the probability that the name will be 5 or more letters long?

5. Alyssa said that the probability of Ms. Forman picking a name that begins with T was 0. Is she correct? Explain.

6. Suppose that Ms. Forman picked out a name, put it back in the hat, and then picked out a name again. What is the probability that Ms. Forman picked out the same name both times?