Algorithms and Heuristics   Name _____

AP Psychology   Hour _____

Cognition Unit

Directions: For each of the examples below try to identify which of the terms it best represents.

Availability Heuristic   Representativeness Heuristic   Anchoring Heuristic   Algorithm

_____   1) Judging that a young person is more likely to be the instigator of an argument than an older person, because you believe younger people are more likely to start fights.

_____   2) After a plane crashes, airlines notice a drop in reservation rates because people overestimate the frequency of these disasters.

_____   3) You download a great new recipe for chocolate cheesecake. The recipe looks complicated, but the site guarantees that if you follow the directions exactly, you have a great dessert.

_____   4) Eric can think of several friends who have won raffles, therefore he judges that he is likely to win the raffle.

_____   5) Jonny lives in the United States, has several tattoos, and often wears dark sunglasses and a leather jacket. When asked whether Jonny is more likely to own a motorcycle or a car, most people respond that he is more likely to own a motorcycle.

_____   6) Prior to the beginning of this semester, Bob estimated that he had a 90 percent chance of earning a 3.5 GPA for the semester. After receiving his midterm grades (3 Cs and 2 Ds), Bob estimated that he had roughly an 85 percent chance of earning a 3.5 GPA.

_____   7) You were told that Taylor is an engineer and Alex is a kindergarten teacher. When you meet your new neighbors for the first time, you assume that Alex is the wife and Taylor is the husband, rather than the actual situation – Alex is the husband and Taylor is the wife.

_____   8) Considering all the possibilities before moving a chess piece.

_____   9) Jaycilyn thinks that she can get a three-bedroom apartment near campus for $250/month. Marty tells her that he saw one advertised for $600/month. Jaycilyn changes her original estimate, and now thinks that she can get an apartment for $300/month.