1 SOURCE LAW
LOGIC GAMES – DIAGRAMMING WORKSHEETS

Overview.

In the LSAT Logic Games Section, you will have 35 minutes to solve 4 Logic Games, averaging 8 minutes and 45 seconds per game. Before beginning to diagram logic games, refer to 1SL Logic Games Introduction. The 1SL approach to Logic Games will simplify this section and, hopefully, make it fun. As always, if you have questions or concerns, consult your tutor.

For each drill included in this worksheet, give yourself 4 – 5 minutes to read and diagram the rules and discern as many inferential insights as you can before you run out of time. This is more time than you devote to the same tasks on the LSAT, but we want you to get into the habit of taking your time to understand the game fully before turning to the questions.

Game Types.

Most resources in the industry will instruct you to learn to recognize Logic Games by type (e.g., matching, sequencing, grouping, etc.). While there is value in recognizing a game by its type, not all Logic Games can be classified as a certain type. Imputing the generalized characteristics of a sequencing game onto a game because it appears to be similar to other sequencing games can lead to assumptions about the relationships of the rules that are not true for the game.

Rather than defining a collection of game types and encouraging you to look for games that fit within each type, we encourage you to approach each game on its own terms, recognizing familiar rules and inferential insights as they appear. You will familiarize yourself with general types of games as you solve them, but you will not be starting your LSAT Logic Games Section on the lookout for rules and relationships that might not exist.

Practice.

Time yourself (5 min.) on these initial practice games. Diagram the rules and the game and discern as many inferential insights as you can before your time runs out.

1. Seven books (Always Apes, Beautiful Birthmarks, Caring for Catfish, the Dog Dilemma, Elves in Europe, Fickle Frogs, and Ghoulish Goats) must be placed side-by-side on a seven-slot display shelf. Each book must occupy one slot, and no slot may be occupied by more than one book. The books must be ordered according to the following requirements:

   a. Ghoulish Goats must come before Always Apes and after the Dog Dilemma;
   b. Caring Catfish cannot be placed beside Fickle Frogs;
   c. Always Apes cannot be the fifth book;
   d. Beautiful Birthmarks must be either the third or fourth book;
   e. If Always Apes is the last book, Caring Catfish must be the fourth book; and
   f. Fickle Frogs must come before Always Apes.

2. Six of seven teachers (Aaron, Breanna, Caroline, David, Erik, Felipe, and Genevieve) must each teach a single one-hour class. The six classes are divided across three days: Monday, Wednesday, and Friday. Each day will have one morning class and one afternoon class. No teacher can teach more than one class. The teachers must teach according to the following requirements:
   a. Caroline cannot teach on the same day as Felipe;
   b. David must teach in the afternoon;
   c. Breanna teaches if, and only if, Erik teaches;
   d. Genevieve cannot teach on Wednesday;
   e. Felipe teaches unless Caroline teaches in the morning; and
   f. Aaron must teach in the morning.

3. Seven marbles (Black, Green, Red, Yellow, Purple, Orange, and White) are placed in a circle. The marbles must be arranged according to the following requirements:
   a. Red cannot be placed next to Green;
   b. Yellow must be next to White;
   c. Green must have only one marble between it and Black; and
   d. If Purple is next to Yellow, Red must be next to Black.

4. Five students of a group of seven students (Amy, Beth, Charles, Darnell, Evie, Franklin, and Gregory) will be chosen to participate in a talent show. Each of the five chosen performers will perform for only one six-minute time slot from 1:00 – 1:30 PM. The students will perform according to the following requirements:
   a. If Beth performs, Franklin will perform last;
   b. Darnell must perform third;
   c. Either Charles or Amy will not perform; and
   d. Either Gregory or Evie will not perform.

5. Six compounds (A, B, C, D, E, and F) are ordered on microscopes 1 – 6. Each compound occupies only one microscope, and each microscope is occupied by exactly one compound. Some of the compounds are organic, and some of the compounds are inorganic. The following conditions must hold:
   a. Compound D occupies the fourth microscope;
   b. Compounds F and B occupy lower-numbered microscopes than Compound C;
   c. An inorganic compound occupies the fifth microscope;
   d. Compound A occupies a lower-numbered microscope than Compound F;
   e. Each inorganic-compound-occupied microscope is immediately preceded by a microscope occupied by an organic compound; and
   f. Compound E is an inorganic compound.