Elaine, Leisa, Brittney, and Consuelo each have a hobby: model railroading, building model airplanes, rocketry, or raising tropical fish. Match each woman to her hobby by using the clues below.

1. Leisa has never met the person who does rocketry.

2. Elaine is a pilot and, ironically, has a hobby that has nothing to do with aeronautics.

3. The rocketry hobbyist, the railroader, and Brittney are friends.

4. Leisa’s hobby involves public transportation.

**10 points**

5 points for detailed solution (matrix with Xs and Os), 3 points for notes outlining how you used the clues to find or eliminate options, 2 points for final answer \*please circle\* (list of the final matched items).

Amaya, Ostergard, Blue Cloud, and Katricz are the last names of Timothy, Diana, Mack, and Sherry. They are all playing in a mixed doubles tennis tournament. Two people are on each team. There is one man and one woman on each team. Determine the full name of each player by using the clues below.

1. Mack is a better player than Ostergard.

2. Timothy is Diana’s partner.

3. Sherry and Katricz are on the same team.

4. Amaya is known for his wicked serve.

5. Katricz is an opponent of Ostergard.

6. Blue Cloud is an opponent of Amaya.

**10 points**

5 points for detailed solution (matrix with Xs and Os), 3 points for notes outlining how you used the clues to find or eliminate options, 2 points for final answer \*please circle\* (list of the final matched items).

Four friends—LaTisha, Zack, Steve, and Michelle—are working in summer jobs. The jobs they have found this summer include food server, lifeguard, construction worker, and clerk at a grocery store. Determine who is working which job by using the clues below.

1. The person doing the food-serving job really likes his work.

2. Zack and the lifeguard have known each other for years.

3. Both Michelle and the lifeguard are outside most of the time, and the other two are inside most of the time.

4. LaTisha and the person working construction met on their job last summer.

5. Neither Zack nor the food server worked last summer.

**10 points**

5 points for detailed solution (matrix with Xs and Os), 3 points for notes outlining how you used the clues to find or eliminate options, 2 points for final answer \*please circle\* (list of the final matched items).

Elaine, Leisa, Brittney, and Consuelo each have a hobby: model railroading, building model airplanes, rocketry, or raising tropical fish. Match each woman to her hobby by using the clues below.

1. Leisa has never met the person who does rocketry.

2. Elaine is a pilot and, ironically, has a hobby that has nothing to do with aeronautics.

3. The rocketry hobbyist, the railroader, and Brittney are friends.

4. Leisa’s hobby involves public transportation.

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Four friends—LaTisha, Zack, Steve, and Michelle—are working in summer jobs. The jobs they have found this summer include food server, lifeguard, construction worker, and clerk at a grocery store. Determine who is working which job by using the clues below.

1. The person doing the food-serving job really likes his work.

2. Zack and the lifeguard have known each other for years.

3. Both Michelle and the lifeguard are outside most of the time, and the other two are inside most of the time.

4. LaTisha and the person working construction met on their job last summer.

5. Neither Zack nor the food server worked last summer.