

# BRAIN TEASERS #1

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class Period: \_\_\_\_\_



Five girls participated in a race. Maria finished before Sarah, but behind Ella. Marianne finished before Julia, but behind Sarah. In what order did the girls finish the race?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Margaret's Marvelous Magical Milieu is a very popular store in Super City's main shopping mall. However, Margaret is having a lot of troubling managing her employees because the employees are available to work only at certain times. Can you help design a schedule that works for everyone?

The store is open from 9:00 A.M. until 9:00 P.M. At least one person must be working at all times. The busiest times in the store are Fridays through Sundays between 2:00 P.M. and 9:00 P.M. Each employee's shift (the time spent at work on a given day) typically lasts four hours. The employees are all high school or college students and cannot work more than 15 hours per week. There are ten employees: Agnes, Arturo, Cassandra, Edward, Hannah, Luther, Marcus, Megan, Olivia, and Tyrone.