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# Timeline

In this puzzle, there are seven people named Abby, Betty, Charlie, Daniel, Elizabeth, Fred, and Gail. Each was born in a different year. It is also given that each person has a different favorite color among the seven colors: aqua, baby blue, chartreuse, denim, emerald, fuchsia, and gargoyle gas.

1. The first letter of each person's name never matches the first letter of the person's favorite color.
2. Charlie is the second oldest person.
3. Fred's favorite color is gargoyle gas.
4. Gail was born the year after Abby was born.
5. The oldest person's favorite color is neither emerald nor fuchsia.
6. Aqua is not the favorite color of the third, fifth, and last persons to be born.
7. At least three people were born before Abby.
8. The person whose favorite color is baby blue was born neither first nor last.
9. Betty was born the year after Fred.
10. Fred was born the year after the person whose favorite color is fuchsia.
11. There is exactly one pair of people, say  $X$  and  $Y$ , such that all of the following properties hold:
  - o The first letters of  $X$ 's and  $Y$ 's names are consecutive letters of the alphabet.
  - o The first letter of  $Y$ 's favorite color is the first letter of  $X$ 's name.
  - o The first letter of  $X$ 's favorite color is the first letter of  $Y$ 's name.
12. Betty's favorite color is either aqua or chartreuse.
13. Daniel is younger than Abby.
14. Neither Charlie nor Elizabeth likes baby blue.
15. Exactly one person's name has the exact same number of letters as the number of letters in his or her favorite color.
16. Exactly two letters in Gail's name appear as letters in her favorite color.
17. Daniel doesn't like emerald.

