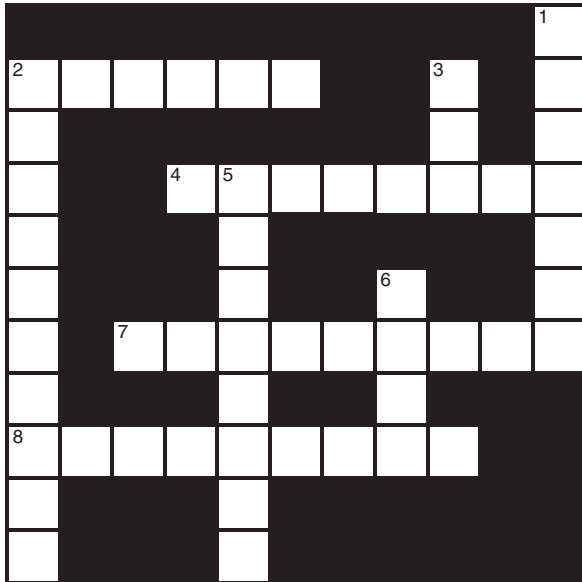


Name: _____

Your Own Brand of Genes

Directions: Read the article “Crack the Code” (page 8). In Part 1, complete the crossword puzzle. In Part 2, answer the question.

Part 1



Across

- 2. all the genetic information in an organism
- 4. a “rung” on the DNA ladder (two words)
- 7. A genetic _____ helps patients understand genetic risks.
- 8. the type of genetic abnormality passed down from parents

Down

- 1. a person who doesn't have a genetic disease but can pass it on to his or her children
- 2. a scientist who studies genes
- 3. abbreviation of a chemical that is the body's blueprint
- 5. the type of genetic abnormality caused by exposure to radiation or certain chemicals
- 6. a section of DNA that tells the body how to make a certain protein

Part 2

Testing people for inherited diseases is just one of the many promises of genetic technology. Others include tailoring treatments to each person's genetic profile, learning how to turn malfunctioning genes off, and implanting healthy genes to treat or cure genetic conditions. Which technology sounds the most exciting to you, and why?
