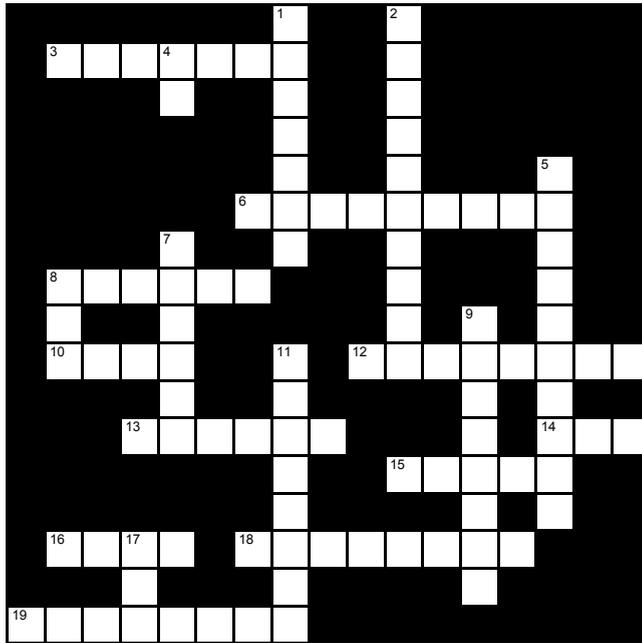


Name _____

Period _____ Date _____

Data Storage Crossword



Across

- 3 Dictionary that assigns a 16-bit value to most modern and historic symbols. (7)
- 6 The main data storage device in your computer. (9)
- 8 You write a binary number using only the _____ one, and zero. (6)
- 10 A collection of facts, values, or other information. (4)
- 12 One million bytes (actually 2^{20} , or 1,048,576). (8)
- 13 A four-bit binary number; has 16 possible values (0-15). (6)
- 14 Each byte is written as two nybbles in

- the 'base sixteen', or _____, numbering system. (3)
 - 15 128-character code that gives punctuation, digits, and letters of the English alphabet an 8-bit value. (5)
 - 16 Name for the ones and zeros used to write binary numbers. (4)
 - 18 One billion bytes (actually 2^{30} , or 1,073,741,824). (8)
 - 19 One thousand bytes (actually 2^{10} , or 1,024). (8)
- ### Down
- 1 Ordinary, every-day numbers are written in 'base ten', the _____ numbering system. (7)

- 2 Thumb-sized device on which large amounts of data can be stored without requiring a battery or external power. (10)
- 4 Round, clear-plastic object with a shiny layer of aluminum sandwiched in the middle, on which data can be stored and read, using a laser. Has a 700 MB capacity. (2)
- 5 Integrated circuit containing transistors, designed to store and return bits. (10)
- 7 All data in modern computers is stored as 'base two', or _____, numbers. (6)

- 8 Disc commonly used to store video, audio, and playback software. Its capacity is 5 to 10 GB. (3)
- 9 The _____ of a data storage device means the amount of data it can hold. (8)
- 11 Term for a memory device whose contents disappear when the power is removed. (8)
- 17 'Binary' means a thing with _____ opposite states--true/false, on/off, one or zero. (3)