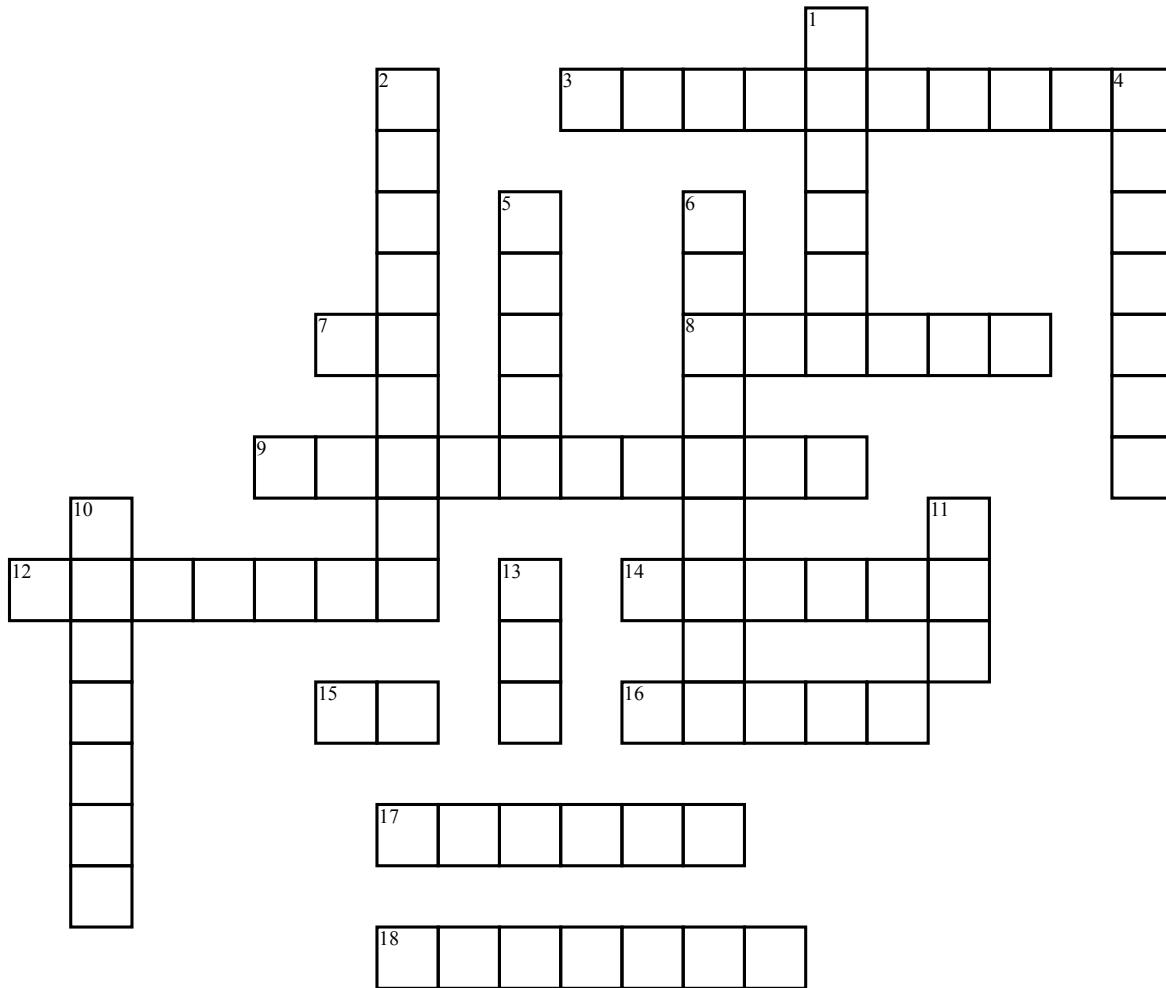


Crossword Puzzle on Diodes and BJT



Across

- 3. Converts light energy to electric energy
- 7. Both the voltage gain and current gain are greater than 1 in ___ configuration
- 8. BJT acts as OPEN switch in _____ region
- 9. BJT acts as ON switch in _____ region
- 12. This circuit is also called as limiter

- 14. AC content in DC output
- 15. Voltage gain is less than 1 in ___ configuration
- 16. _____ terminal of MOSFET is similar to collector in BJT
- 17. _____ terminal of MOSFET is similar to emitter in BJT
- 18. Output is twice the peak value of input

Down

- 1. Voltage controlled device

- 2. BJT region having largest area
- 4. Heavily doped region of BJT
- 5. Used for voltage regulation
- 6. Converts AC to pulsating DC
- 10. Input waveform shifted in positive or negative direction
- 11. Works on electroluminescence
- 13. Current controlled device