

Lesson 6A ver 2

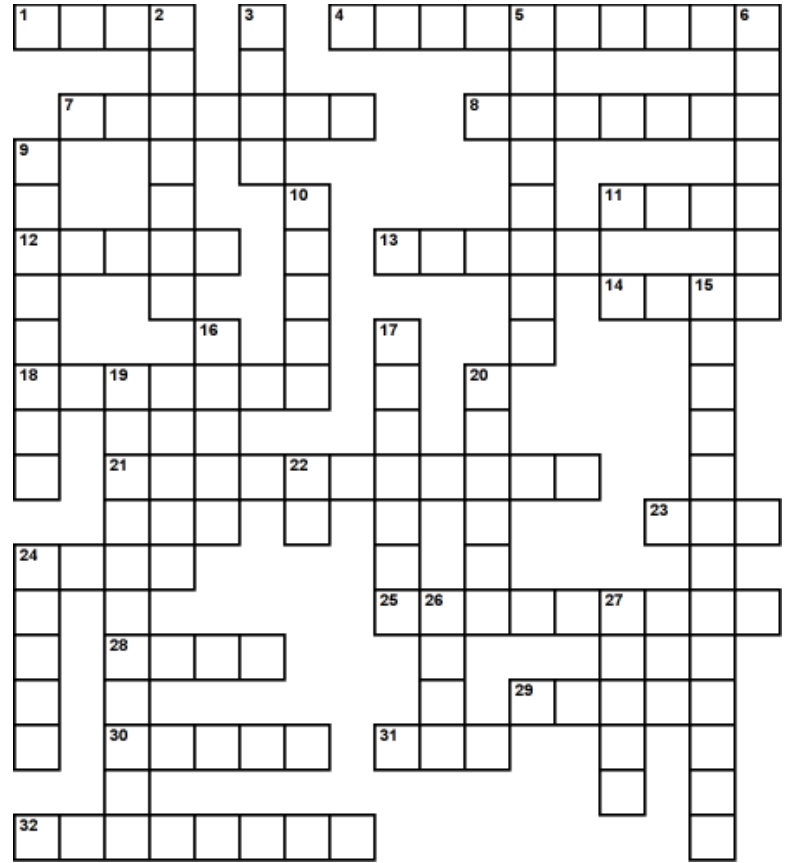
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Across

1. ___ is the approximate amount of change, measured in decibels (dB), of a power increase from 20 watts to 200 watts (2,2)
4. A battery type that is not rechargeable (6-4)
7. A transistor can _____ signals
8. An _____ is used to measure electric current
11. Field effect transistor has a ___ electrode
12. A ___ is a switch controlled by an electromagnet
13. Electrical power is measured in _____
14. The basic unit of electromotive force
18. A _____ is component 4 in figure T1
21. The name for a current that reverses direction on a regular basis
23. A ___ is commonly used as a visual indicator
24. A _____ is used to protect other circuit components from current overloads
25. _____ symbol is the name for standardized representation of components in an electrical wiring diagram
28. What are the units of impedance?
29. The voltage across a 2-ohm resistor if a current of 0.5 amperes flows through it (1,4)
30. A _____ can be used to display signal strength on a numeric scale
31. ___ is the approximate amount of change, measured in decibels (dB), of a power decrease from 12 watts to 3 watts (1,2)
32. Connect a voltmeter in _____ with the circuit

Down

2. A _____ transistor has an emitter electrode
3. _____ describes a transistor's ability to amplify a signal
5. An _____ is used to measure resistance
6. Voltage (E) equals _____ (I) multiplied by resistance (R) is used to calculate voltage in a circuit
9. A _____ resistor is component 9 in figure T2
10. The _____ is the basic unit of inductance
15. 'LED' stands for _____ Diode (5,8)
16. _____ is the unit of frequency
17. The power being used in a circuit when the applied voltage is 12 volts DC and the current is 2.5 amperes (2,5)



19. A _____ is commonly used to change 120V AC house current to a lower AC voltage for other uses
20. A _____ is used to connect or disconnect electrical circuits
22. The abbreviation that refers to radio frequency signals of all types
24. The _____ is the basic unit of capacitance
26. A grainy or dull surface is the characteristic appearance of a _____ solder joint
27. The names of the two electrodes of a diode are _____ and cathode

