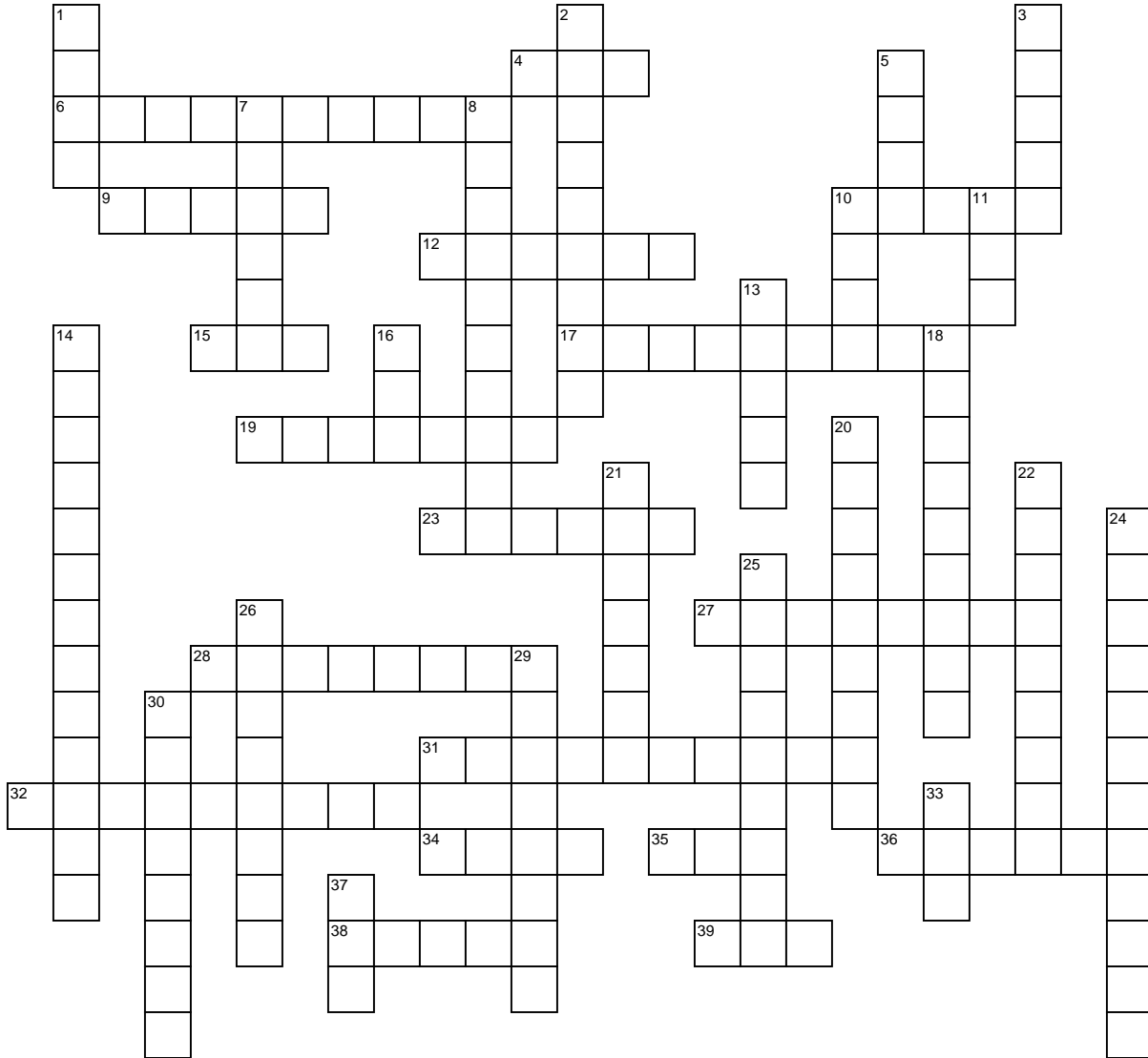


IBEW 1920 June Crossword Puzzle



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ACROSS

- 4 A transistor controlled by voltage to close the gate to control current through it.
- 6 A device that converts energy from one form to another
- 9 A circuit with zero ohms between to electrical points
- 10 A unit of electromagnetic induction
- 12 A numbering system that uses the base number of 2
- 15 Job Safety Analysis
- 17 A heavy duty relay used to control electrical circuits
- 19 Gold, Au
- 23 A high-range ohmmeter and used for continuity, ground and short-circuit testing
- 27 Condenser
- 28 Eyes on Path
- 31 746 watts
- 32 .000001 Volt
- 34 Electromotive Force (emf)
- 35 Symbol for Micro-farad
- 36 Unit of electrical current
- 38 Rectifier
- 39 Ultrahigh frequency

DOWN

- 1 1 Volt x 1 Amp = 1 _____

- 2 The opposition provided by inductance or capacitance to AC current
- 3 Electromechanical device that opens or closes contacts when a current is passed through a coil.
- 5 8 bits
- 7 The addition of resistors in this circuit decrease the amount of current drawn from the power source
- 8 $I \times R$
- 10 IBEW 1920 Chairman
- 11 Ready Only Memory
- 13 A system that measures distance by determining the amount of time required by electromagnetic ener to travel to and return from an object.
- 14 Process that converts alternating current to direct current
- 16 Unit of Reistance
- 18 Device or circuit that maintains a desired output under changing conditions.
- 20 Oppose the change of current in a circuit
- 21 www.ibew1920.org
- 22 Electromagnetic waves in frequency ran of 1000 megahetz and upward
- 24 A method of simutaneous tranimission of two or more messages in either or both directions over the same transmission path
- 25 The measure of a range of frequencies containing an upper and lower limit
- 26 1,000,000 volts
- 29 Shunt
- 30 shunt
- 33 Root Mean Square, .707 of peak voltage, the DC voltage that would produce the same amount of heat in a heating element.
- 37 Voltage drops in series