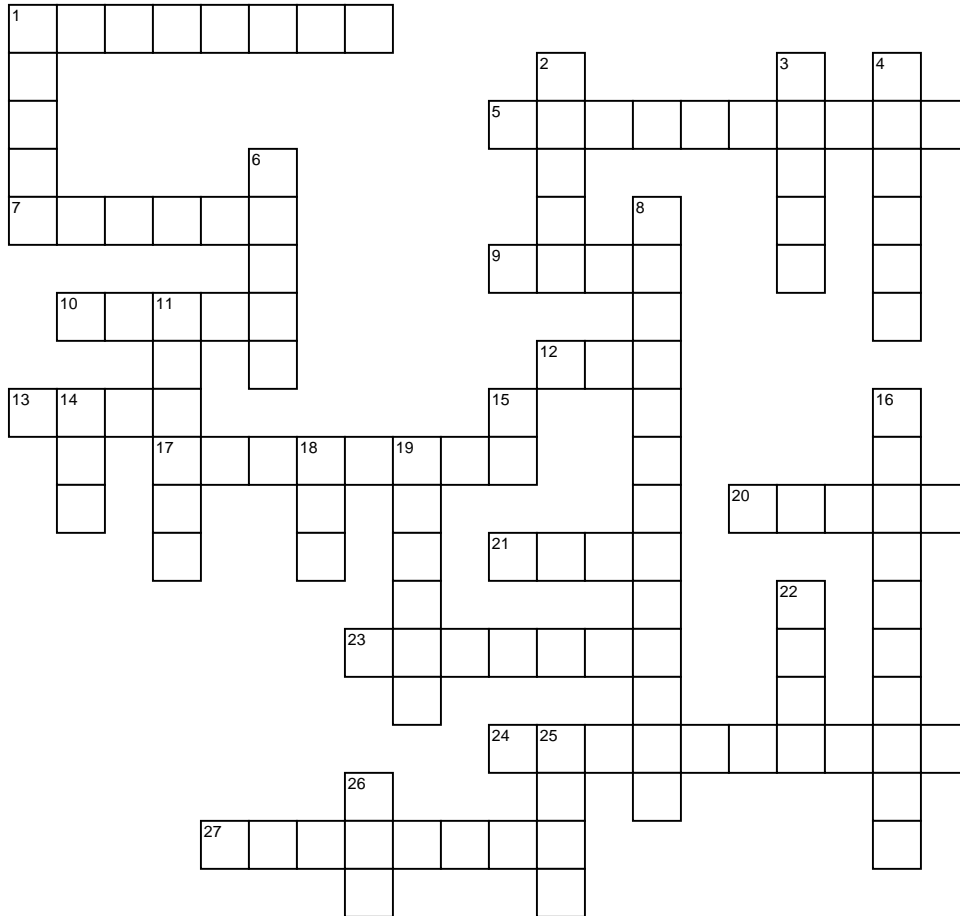


# IBEW 1920 October Crossword Puzzle



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## ACROSS

- 1 A \_\_\_\_\_ is a graphic plot of one cycle of AC voltage.
- 5 The instrument for determining the specific gravity of liquids of a storage-battery electrolyte
- 7 The main job of capacitors is to increase starting \_\_\_\_\_.
- 9 On an analog ohmmeter every time you change the scale you must \_\_\_\_\_ the meter.
- 10 Two atoms of hydrogen, one atom of oxygen
- 12 Frequency band: 30 MHz to 300 MHz - used for railroad radio communications
- 13 Used to protect wiring
- 17 Once called "The Great American Desert".
- 20 Electricity can be changed to heat, light, \_\_\_\_\_, or magnetism.
- 21 The resistance of two resistors, 5 & 20 in parallel equal \_\_\_\_\_ ohms
- 23 \_\_\_\_\_ is a name for switch.
- 24 Resistance is the \_\_\_\_\_ to current flow.
- 27 1,000,000 watts

## DOWN

- 1 An abnormal connection of relatively low resistance between two points of a circuit.
- 2 A sine wave is a graphic plot of one \_\_\_\_\_ of AC voltage.
- 3 39.37 inches
- 4 The unit of time
- 6 The Unit of electromagnetic induction
- 8 When we replace a relay we need to know the coil voltage and the switch \_\_\_\_\_ and amp rating.
- 11 100 volts across a 5 ohm resistor creates \_\_\_\_\_ amps of current
- 14 Frequency band: 300 to 3000 MHz - used for telemetry of DPUs
- 15 Transformers are rated in \_\_\_\_\_ .
- 16 Ground wires should be run \_\_\_\_\_ with no switches or fuses in line.
- 18 The acronym used for .707 of Peak Power
- 19 The stationary AC winding in an alternator is termed the \_\_\_\_\_.
- 22 The main enemy of all electrical devices is \_\_\_\_\_ .
- 25 A circuit needs a power source, a \_\_\_\_\_, and a load to work.
- 26 Ohm's \_\_\_\_\_ states,  $E = I \times R$