

## Electrical Jeopardy Answer Key

	Go With the Flow	That's A Shock	Live Wire	Hazards R Us	I'm So Not Grounded
\$200	Clue: Flow of electrical energy	Clue: A fatal electric shock	Clue: This is said to "push" current through a conductor	Clue: This hazard is the primary source of electrocutions	Clue: A conductor added to circuits to create low resistive path to neutral or earth
	Answer: What is current	Answer: What is electrocution	Answer: What is Voltage	Answer: What are power lines	Answer: What is a ground wire
\$400	Clue: Material through which current moves easily	Clue: Accidentally becoming part of this can cause injury or death	Clue: Measures strength of current flow	Clue: The minimum safe distance to maintain away from overhead power lines ≤50,000 Volts	Clue: Safety device required by OSHA on construction site circuits
	Answer: What is a conductor	Answer: What is an electrical circuit	Answer: What is amperage	Answer: What is 10 feet	Answer: What is a GFCI—ground fault circuit interrupter.
\$600	Clue: Glass, rubber, plastic, dry wood, paper, ceramics, and air	Clue: The threshold for ventricular fibrillation	Clue: This protects electrical systems and equipment from overcurrent	Clue: The only ladders you may use near energized circuits	Clue: A ground conductor loses its connectivity if this is missing from a plug
	Answer: What are insulators	Answer: What is 100 milliamps (mA) of current	Answer: What are circuit breakers/fuses	Answer: What are non-conductive (fiberglass or wood)	Answer: What is the ground prong
\$800	Clue: Inversely proportional to current—opposition to flow	Clue: Three factors that affect severity of shock	Clue: Luminous electrical discharge through the air	Clue: When this shield is worn, frayed, or cut, workers are at high risk for shock	Clue: "S, ST, SO, STO" for example
	Answer: What is resistance	Answer: What are path, amount of current, length of time	Answer: What is arcing	Answer: What is the insulation around an energized conductor	Answer: What are extension cord designation codes indicating usage ratings