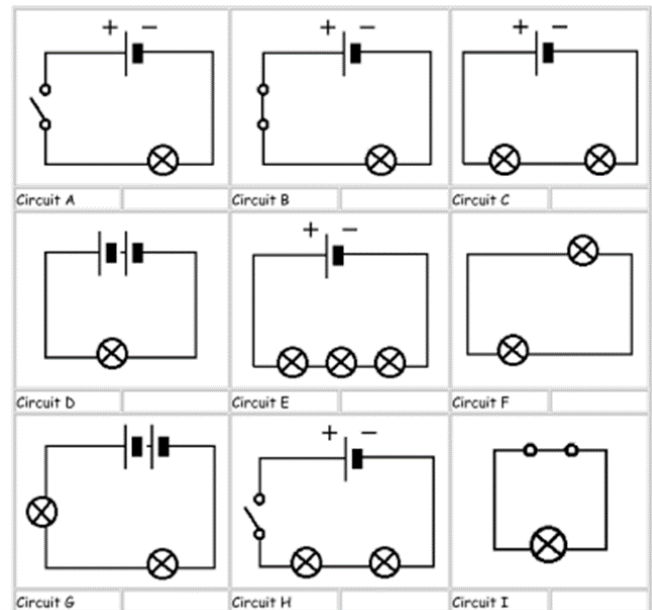




Vocabulary		
Word	Picture	Definition
cell		Transfers chemical energy to electrical energy.
buzzer		Transfers electrical energy to sound energy.
series circuit		A single pathway through which electricity can flow.
voltage		A measure of electrical force (push) within a circuit.
switch		Used to break the circuit.
components		The parts that are used to create a circuit.
resistance		How difficult it is for the current to flow/push through; an electrical insulator has a large amount of electrical resistance.
electrical conductor		A material that the electric current runs well through.
electrical insulator		A material that electric current flows poorly through.



* In which circuits will the bulb/s light up?
BCDEG

* Which circuit will have the brightest bulb/s?

D

* In which circuit will the bulb/s be lit but the dimmest?

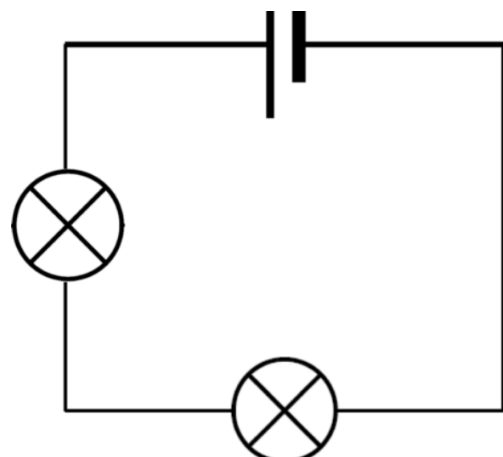
E

* What could you use in your circuit instead of a bulb?

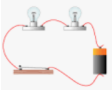
motor

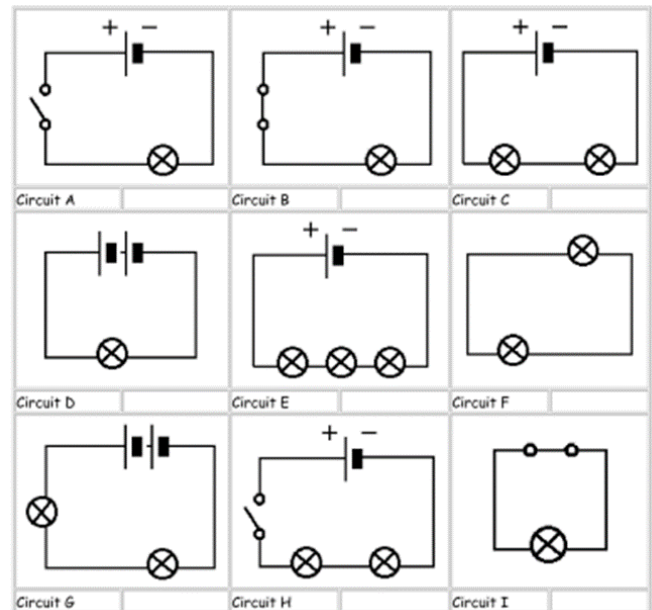
buzzer

Match the symbol to the correct name and use.		
	cell	Transfers chemical energy to electrical energy.
	motor	Two cells in series.
	closed switch	Transfers electrical energy to sound energy.
	battery	Transfers electrical energy to movement.
	buzzer	Completes the circuit.
	open switch	Transfers electrical energy to light energy.
	bulb	Breaks the circuit.





Vocabulary		
Word	Picture	Definition
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buzzer		
		A single pathway through which electricity can flow.
		A measure of electrical force (push) within a circuit.
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* In which circuits will the bulb/s light up?

* Which circuit will have the brightest bulb/s?

* In which circuit will the bulb/s be lit but the dimmest?

* What could you use in your circuit instead of a bulb?

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