Name: _____

Electricity

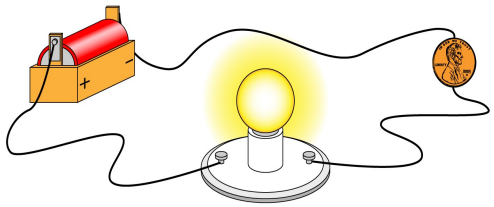
Choose the best answer for each question. Write the letter on the line.

_____ **1.** What supplies energy in an electric circuit?

a. a conductor **b.** light bulb
c. a wire **d.** a battery

_____ **2.** Which material is a conductor?

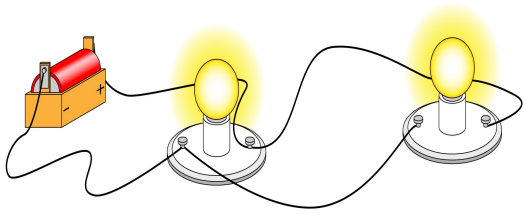
a. plastic **b.** silver
c. glass **d.** wood



Circuit A

_____ **3.** Which type of circuit is Circuit A?

a. series **b.** parallel
c. perpendicular **d.** current



Circuit B

_____ **4.** Which item is a resistor in Circuit B?

a. light bulb **b.** wire
c. battery **d.** screws

_____ **5.** Why did the person who made Circuit A probably connect the wires to a penny?

a. They needed to use a penny to make the bulb light.
b. They were testing to see if the penny conducts electricity.
c. They used the penny to supply extra power.
d. The penny will prevent sparks.

_____ **6.** Which of these could be used as a resistor in a circuit?

a. a pencil
b. a gas engine
c. a rubber eraser
d. an electric motor

ANSWER KEY

Electricity

Choose the best answer for each question. Write the letter on the line.

d **1.** What supplies energy in an electric circuit?

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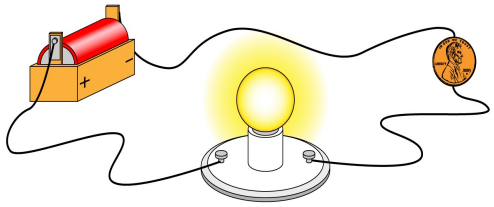

Circuit A

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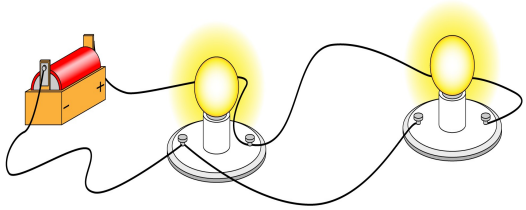

Circuit B

a **4.** Which item is a resistor in Circuit B?

a. light bulb **b.** wire
c. battery **d.** screws

b **5.** Why did the person who made Circuit A probably connect the wires to a penny?

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