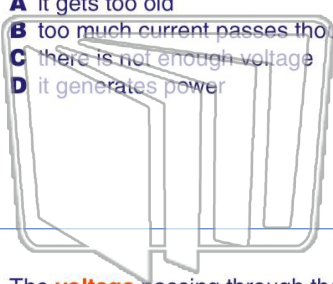




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 What is the **reason** why a **fuse** burns out?

- A it gets too old
- B too much current passes through it
- C there is not enough voltage
- D it generates power



2 Why is it **safer** to have **circuit breakers** installed in a home?

- A to save electrical costs
- B to improve energy conservation
- C to increase electrical efficiency
- D to prevent fires

3 The **voltage** passing through the victim is what actually injures people who are **electrically shocked**.

4 If an electric dishwasher operates on **10 amperes** and **110 volts** for one hour, the power used is **approximately** \_\_\_\_\_.



## PREVIEW

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- A parallel
- B series
- C complete
- D incomplete

- A no bulbs would work
- B only bulb #1 would work
- C bulbs #1 and #2 would work
- D the battery would get weak

9 Why is the **parallel** wiring in a home **better** than series wiring?

- A in parallel, if one part of the circuit goes bad, the other parts still work
- B in parallel, fuses can be used
- C parallel wiring is less expensive
- D more rooms can be wired to be used at the same time.

10 The term used for measurement of **electrical resistance** is called a(n) \_\_\_\_\_.

- A watt
- B ohm
- C volt
- D ampere

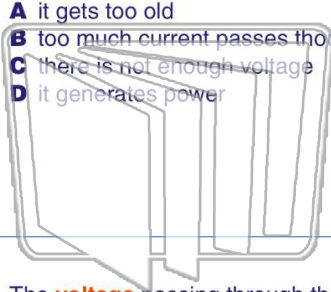
$$R = \frac{V}{I}$$



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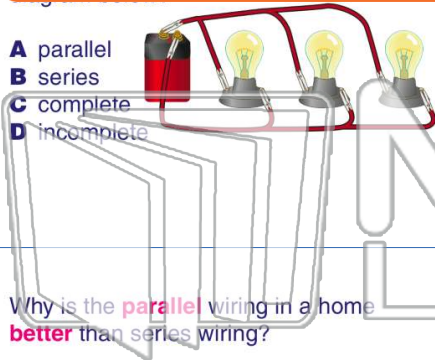
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5 **PREVIEW**  
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7 **A** parallel  
**B** series  
**C** complete  
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