

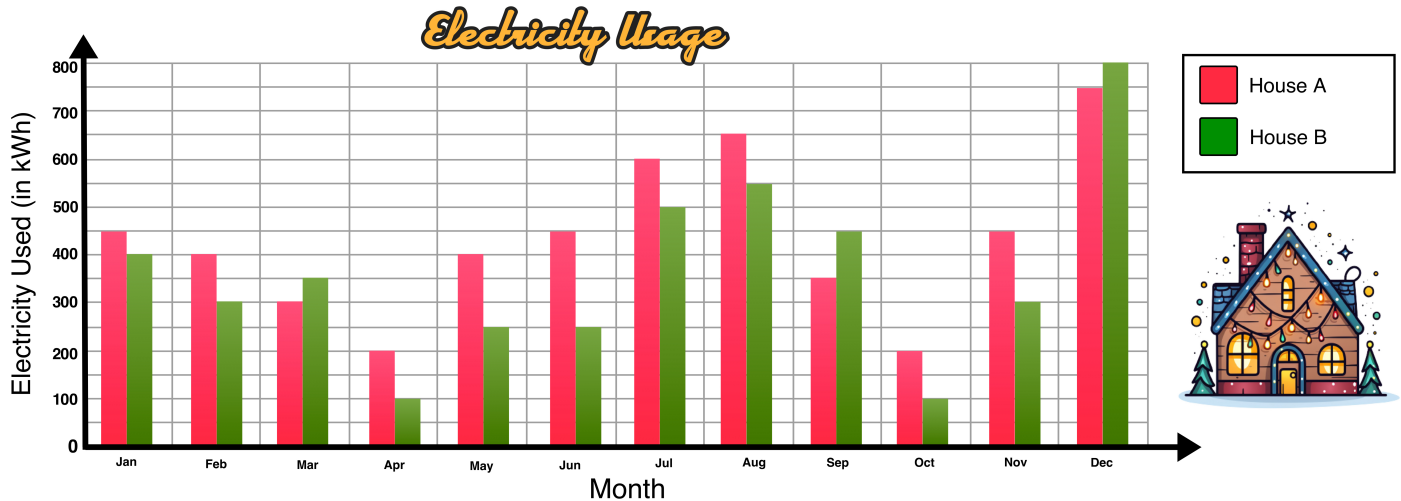
Name: _____



HAPPY CHRISTMAS LIGHTS DAY!

Christmas Lights Day, observed on December 1st each year, is a festive day where people decorate their homes with colored lights to mark the beginning of the Christmas season!

Directions: Use the graph below to answer the questions that follow:



- 1.) In which month was the **most** electricity used overall? _____
- 2.) In which month(s) was the **least** electricity used overall? _____
- 3.) How much electricity, in kWh, was used by House A in **June**? _____
- 4.) How much electricity, in kWh, was used by House B in **January**? _____
- 5.) What was the difference in electricity use, in kWh, between House A and House B in **May**? _____
- 6.) Explain one reason why electricity usage increased between June and August: _____
- 7.) Based on the graph, which house spends less money on electricity each year and why? _____
- 8.) Explain one reason why electricity usage was highest in December: _____

Answer Key:

- 1.) December
- 2.) April and October
- 3.) 450 kWh
- 4.) 400 kWh
- 5.) 150 kWh
- 6.) Answers will vary
- 7.) Answers will vary
- 8.) Answers will vary

Fun Fact: Christmas Lights Day not only kicks off the holiday season with a bright start but also reflects a tradition that dates back to the 17th century when people used candles to decorate Christmas trees, which evolved into the safe, colorful electric lights we see today.