

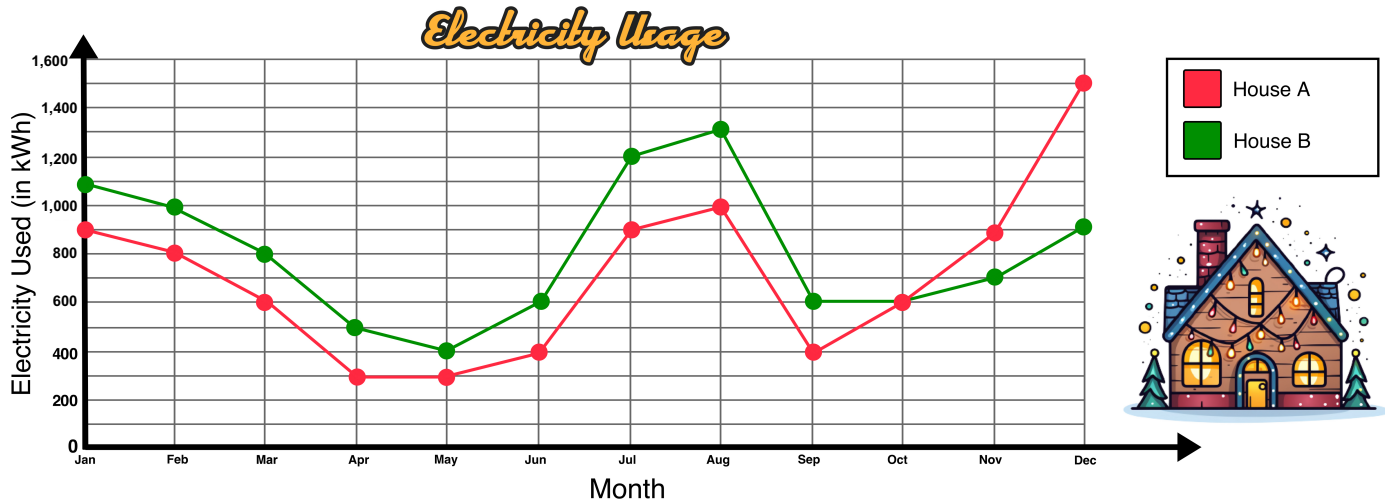
Name: _____



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.) Which two months did House B have the **highest** electricity usage? _____
- 2.) Which two months did House A have the **lowest** electricity usage? _____
- 3.) During which month did House A and House B have use the same amount of electricity? _____
- 4.) What was the difference in the amount of electricity used between House A and House B in **December**? _____
- 5.) How much did total electricity was used by both houses in **August**? _____
- 6.) How much **more** electricity was used by House B in August than in June? _____
- 7.) Based on the data, which house do you think spends **more** money on electricity each year and why: _____
- 8.) Based on the data, which house do you think is more energy efficient and why? _____
- 9.) Explain one reason why House A's electricity usage was so high in December: _____

Answer Key:

- 1.) July and August
- 2.) April and May
- 3.) October
- 4.) 600 kWh
- 5.) 2,300 kWh
- 6.) 700 kWh more
- 7.) Answers will vary
- 8.) Answers will vary
- 9.) 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.