Name: - Group: - Date:- **Small Assessment: 30% of Grade Average**

Using, **WOLFRAM ALPHA COMPUTATIONAL ENGINE**, answer the following 10 questions:

1. Calculate your monthly mortgage payment for a mortgage of $150,000. with an interest rate of 6.5% over a period of 30 years.

Answer:

2. What is your IP address right now?

Answer:

­­­­­­­­­­­­­­­­ 3. How many medals has Michael Phelps won?

Answer:

4. My latitude is, 55 deg 45' N, and my longitude is 37 deg 37' E, what country am I located within?

Answer:

5. Which mountain is higher, Mt Timpanogos or Mt McKinley, and by how many feet in elevation?

Answer:

6. What time on, Monday, November 28, 2011, was low tide at Barrington Beach?

Answer:

7. How many people in the U.S. were given your surname in the year 2010?

Answer:

8. Solve the geometric equation, x + 3 = y – 7 for the value of x and the value of y.

Answer: The value of x is: The value of y is:

9. When is the next solar eclipse?

Answer:

10. What year was the, International Space Station, launched and what is its orbital altitude?

Answer: Year launched: Orbital Altitude: