**Problem Set 1 Answer Sheet**

Directions: Download and save this Answer Sheet to your desktop. Record your answers to the items on Problem Set 1. Save often. When you have completed the set of items, save the document again and email it to me, as an attachment, at olsongh2@gmail.com. This assignment is due the end of the day, Sunday, October 14.

You are permitted to work on these problems in groups. However, be aware that all members of a group will receive the same score.

**Include your name (or the names of everyone in your group) here**:

**Item 1: (Note: type your answers in this document.)**

A: Why?

B: Why?

C: Why?

D: Why?

E: Why?

F: Why?

G: Why?

H: Why?

**Item 2**

**A:**

**B:**

**C**:

**Item 3**

**ΣX =**

**ΣX2=**

**(ΣX)2 =**

**ΣX + 2 =**

**Σ(X+2) =**

Σ(X+2)2 =

**Σ2X =**

**Σ2X + 2 =**

**Σ2(X+2) =**

**ΣXY =**

**ΣXY + 2 =**

**Σ(X+2)(Y+2) =**

**ΣX/N =**

**ΣX2/N =**

**ΣXY/N =**

**ΣX ΣY =**

**Σ6y =**

**5Σy =**

**Item 4**

**A:**

**B:**

**C:**

**D:**

**E:**

**F:**

**Item 5**

**A:**

**B:**

**C:**

**D:**

**E:**

**F:**

**G:**

**Item 6**

 **CI95 =**

**Item 7**

 **A:**

 **B:**

**Item 8**

 **A:**

 **B:**

 **C:**

**Item 9**

**A:**

**B:**

**Item 10**

**A:**

**B:**

**Item 11:**

**Item 12:**

**Item 13:**

**Item 14:**

**Item 15:**