What should I do to get off to a fast start in Biostatistics 140.621?

1. Take the Math Challenge below. Check your answers at bottom; if your score is 7 or less, do the Math Review (handout from the course packet or link on the course website at http://www.biostat.jhsph.edu/courses/bio621/). If you’d like extra help, please attend the informal Math Review in Room W3008 between 1:30 – 5:00 pm on Tuesday (September 3) or Wednesday (September 4).

Suppose we have 3 observations, each described by a variable \( x \) and a variable \( y \). Let
\[
\begin{align*}
  x_1 &= 5 & y_1 &= -9 & \text{and } n = 3 \\
  x_2 &= 6 & y_2 &= 12 \\
  x_3 &= 2 & y_3 &= 4
\end{align*}
\]

1. \( \sum_{i=1}^{3} x_i = \)
2. \( \sum_{i=1}^{3} x_i y_i = \)
3. \( \sum_{i=1}^{3} x_i = \)
4. \( \sum_{i=1}^{3} |y_i| = \)
5. \( x_2^0 = \)
6. \( \log_{10}(5 \cdot x_1 y_3) = \)
7. \( \log_{10}(1000) = \)
8. \( \sqrt{16} = \)
9. \( \log_2 4 = \)
10. \( 2^4 = \)

Answers: 13, 35, 4/9, 25, 1, 2, 3, 4, 2, 16

2. Order Stata Intercooled (I/C) software using the Hopkins GradPlan at:

http://www.stata.com/order/new/edu/gradplans/campus-gradplan/

3. Become Stata – ready! Attend the Stata Introduction in Sommer Hall (E2014) at 12:00 pm on Thursday, September 5 OR 5:00 pm on Monday, September 9.