

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

$x_1 = 5$	$y_1 = -9$	and $n = 3$
$x_2 = 6$	$y_2 = 12$	
$x_3 = 2$	$y_3 = 4$	

1. $\sum_{i=1}^3 x_i =$

2. $\sum_{i=1}^3 x_i y_i =$

3. $\sum_{i=1}^3 \frac{x_i}{y_i} =$

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.**