12d Tues April 23
Coefficient of Correlation (r)
Coefficient of Determination (r^2)

1.4 Exercise 3:

Step one: Search stats Canada for two datasets.
Make sure the datasets have the same reference for years and demographics (geographic region)

Step two: Find a website that will calculate coefficient of correlation (r) and coefficient of determination (r^2).

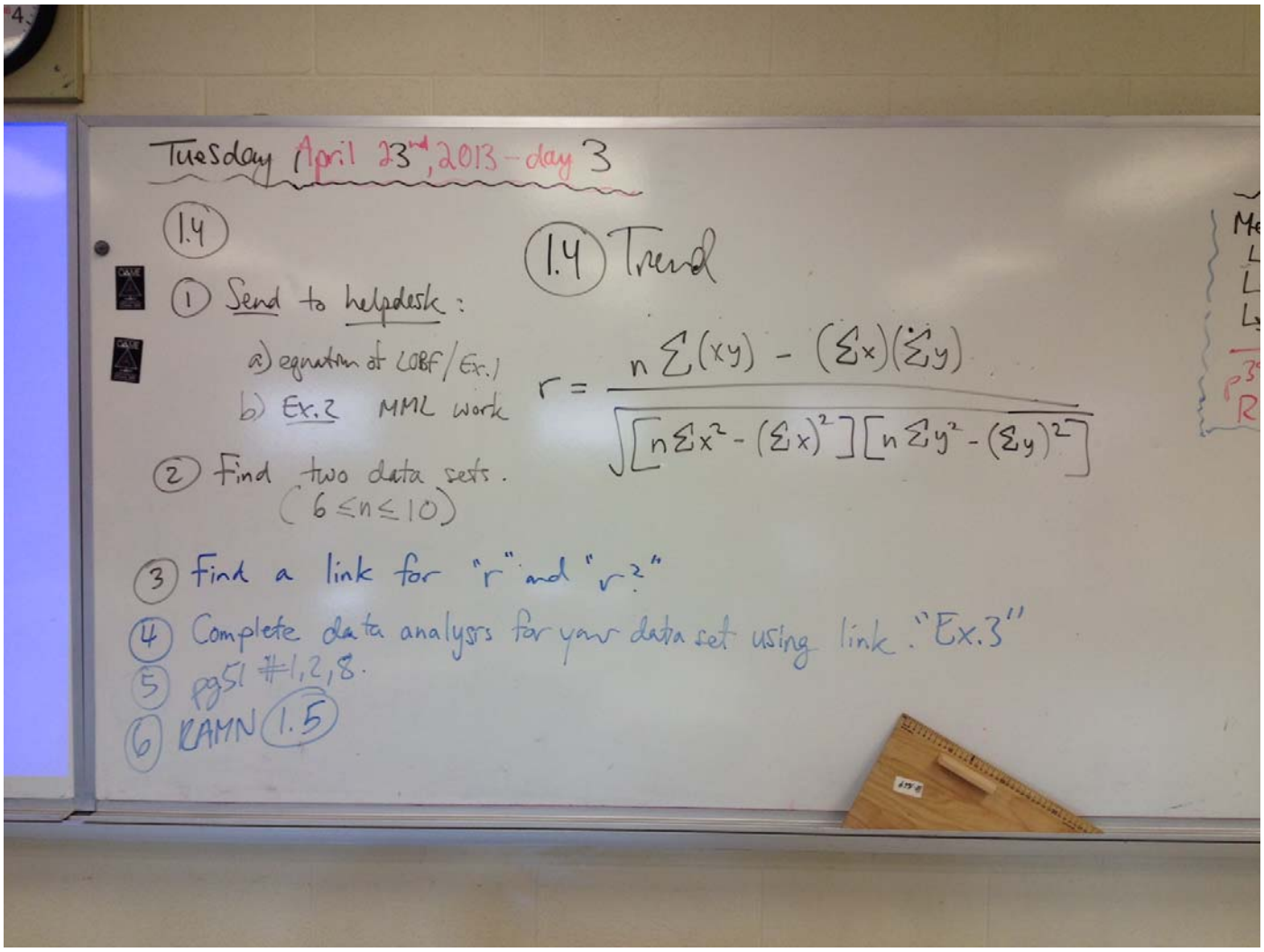
Step three: Write a thesis statement.
For example: Is there a relationship between x and y? Use variable names.

Step four: Write a hypothesis statement.
For example: I predict that as x increases y will increase or decrease. Or… I predict that x will have no affect on y. Again, use variable names.

Step five: Use the online calculator (website) to analyze your dataset. calculate coefficient of correlation (r) and coefficient of determination (r^2) for your dataset.

Step six: Conclusions from this data analysis.

Classwork/Homework:
1.4 pg51 #1, 2, 8.
RAMN 1.5


Tuesday April 23rd, 2013 - day 3
1.4
1.4 Trend
① Send to helpdesk:
a) equation of LOBF / Ex.1
b) Ex.2 MML work
② Find two data sets.
(6 ≤ n ≤ 10)
$r = \frac{n\Sigma(xy) - (\Sigma x)(\Sigma y)}{\sqrt{[n\Sigma x^2 - (\Sigma x)^2][n\Sigma y^2 - (\Sigma y)^2]}}$
③ Find a link for "r" and "r²"
④ Complete data analysis for your data set using link: "Ex.3"
⑤ pg51 #1,2,8.
⑥ RAMN 1.5