IM1 Problem Set 9 - Daily Tasks		
Task 1	Task 2	DC
Put solutions to problems from the previous Problem Set on the board	Discuss all problems and come to a consensus. Record solutions in your notebooks and present solutions.	DC

Problem Set 9	
9.1	a. What does $(2x^3)^6$ mean? What about $(\frac{x}{5})^3$? b. Simplify (i) $\frac{y^4(2y^2)^3}{16y^3}$ (ii) $(2b^3)^{-2}$
9.2	Evaluate: a. $5^0 - 2 \times (4 + 2 \times 3)$ b. $\frac{3}{4} + \frac{5}{2} \div -1\frac{2}{3}$
9.4	Graph the following 2 linear functions on your TI-84 and then copy the graphs into your notebook: a. $g(x) = -\frac{2}{3}x + 15$ b. $y - 8 = \frac{5}{3}(x + 3)$
9.3	There are 5 red marbles and 3 green marbles in a bag. Seung Jee takes a marble from the bag. She does not put the marble back in the bag. Hae Lin takes a second marble from the bag. a. Complete the probability tree diagram. $\frac{1 \times 10^{-4}}{8} = \frac{2 \times 10^{-4}}{10^{-4}} = \frac{2 \times 10^{-4}}{10^{-4}} = \frac{10^{-4}}{10^{-4}} = \frac{10^{-4}}{$
9.5	 Given the points (-4,5) (10,-3), determine: a. The slope between the points b. The distance between the point. Show how you did this. Explain your reasoning. c. The equation of the line joining the 2 points.

