Accelerated Math (Problem Solving 5.4)   Name_____

Glacier Speeds Problem   Due Date Monday 11/18   Block____

Counts as "Other Assignment" 30 points

Assignment will be accepted late BUT points will be deducted if problem is not turned in by the end of the day Monday.

TASK

A student is researching Alaskan glaciers. Using the process of dimensional analysis and the data below, find out the order the glaciers are moving from smallest to largest. Prove your answer in FOUR different ways using unit rates. Show ALL steps in a neat and organized way. This means you will have at least 9 dimensional analysis problems.

Glacier A	3.5 feet per day
Glacier B	0.00005 miles per hour
Glacier C	2.5 inches per hour