

Name: \_\_\_\_\_.

Due Date: 5<sup>th</sup>/8<sup>th</sup> August 2011

You will be assessed differently this year in Math. We will be using different Assessment Criteria when evaluating your work/performance/progress this year. Rather than using the previous Major/Minor/HW/Exam grading categories from Integrated Math 1, we will be using the following new assessment criteria: Knowledge/Understanding, Application, Communication, and Thinking/Problem Solving. We will continue to gather evidence of your performance and progress in this course using a variety of methods as before (assignments, quizzes, tests, projects, etc...)

The MAJOR purpose of this assignment is (1) to introduce you to the new way that we will ASSESS how your work reflects what you have achieved in your knowledge & understanding of Math and (2) to help you see how our new assessment method can help you to improve your learning of Math

**All work is to be done on a separate sheet. Full solutions are required.**

1. Bob's father is 3 times as old as Bob. Four years ago, he was 4 times as old as Bob. How old is Bob? Explain, in words, how you would solve this question.

**C**, Communication

2. When three times a number is added to the sum of twice the number and 1, the result is 11. Find the number.

**K**, **C** Knowledge/Understanding, Communication

3. The edge of a sugar cube is about 1cm long. Roughly how many sugar cubes could you put in a dry, empty swimming pool which measures 25m by 10m by 5m?

**A**, Application

4. A snail climbs all the way up a pole 12m high. It climbs 3m each day but slides down 2m each night. How long will it take the snail to reach the top of the pole?

**T**, Thinking/Problem Solving