

Room 1 Homework

8 to 11 November 2011

Devonport Primary School

Name: _____.

Introduction

As discussed in class this homework is completely different from any that you have previously attempted, but it is very important as it gives you the chance to reflect on your own assessment.

Please follow the instructions very carefully. I am very interested in your 'gaps' and 'to be achieved' sections and your responses.

E-AsTTle Mathematics

Self-Analysis and Reflection

Your task is to examine your individual E-AsTTle mathematics assessment. In doing so, you will record the areas included in the 'gaps' and 'to be achieved' sections and explain why you think you got a similar question wrong in the test.

Instructions

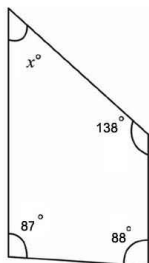
1. Using the internet, look at the Devonport Primary School website.
2. Click on 'Our School', then 'Classrooms', then 'E-AsTTle Student Login'.
3. Enter your login/username and password. Devonport School should then be highlighted and press the continue button.
4. Once on the welcome page, press 'View Reports' in the left hand margin.
5. On the filters, select mathematics as the default button is usually reading.
6. Choose the maths test that is headed 'Maths L3 T3 2011', or 'Maths L4 T3 2011'.
7. Choose and click on the 'Individual Learning Pathway'.
8. Look at the 'Gaps' column, highlighted in red. Each of the questions is underlined.
9. Choose the first question and click on it.
10. When the example comes on the screen, highlight, copy and paste on a Word or similar document. You may have to copy and paste the diagram separately - simply click on it.
11. Make a comment as to what was difficult about that particular question and possibly how you might go about solving it now.
12. When you have done all the 'Gaps', do the same for the 'To Be Achieved Column.'
13. Please remember to save and when complete email to Mr Tilby at brucet@devonport.school.nz
14. I have put a possible example below for you to help you with the layout.
15. See me in the morning before school if you are having any difficulty.

Gaps

Use the polygon symmetry/angle properties to solve practical problems

For example:

Calculate the value of x .



I have never seen this before in maths and didn't know how to do it. My guess was wrong.

Devise a strategy to solve a fraction number problem

For example:

The school hockey team is travelling to the finals in the school minivan. It costs \$110 to fill up the petrol tank and this will get $\frac{2}{3}$ them of the way there. How could you estimate how much money they should budget for petrol?

I have had these problems before, but got confused as to how to work out the final $\frac{1}{3}$ of the cost.

Classify numbers by factors and multiples, including primes

For example:

Which of the following is **NOT** a prime number?

5, 7, 9, 11

I have done quite a lot of work on prime numbers and should have realised that as well as $1 \times 9 = 9$, so does $3 \times 3 = 9$, so it is not a prime number. The others only have factors of 1 and itself, so they are prime numbers.

To Be Achieved

Explain the meaning of digits in numbers using tenths, hundredths, and thousandths (3 decimal places)

For example:

Which one of these numbers has a 7 in the tenths place?

0.678

27.124

73.546

I have done a number of these examples, but got confused about which was the tenths, or the hundredths, or thousandths.

Solve problems using fractions of whole numbers or decimals

For example:

If 1 kg of cheese costs \$5.60, what would $\frac{1}{5}$ kg cost?

I have been introduced to fractions and ratios, but need to work on understanding how to work out a total amount when using a fraction of 1.