Name: _____ (   )   Class: _____

INVESTIGATE DIVISIBILITY RULES

Practice 2

Objective:
To investigate and generate divisibility rules for 3 and 6

Instructions:
In this task, you are required to:
- o select and apply mathematical problem-solving techniques to recognize divisibility rules for 3 and 6.
- o describe the multiples of 3 and 6 as relationships or general rules
- o verify whether your divisibility rules works for other examples.

Hints:
1. List some 3-digit numbers, which are multiples of 3 or 6.
2. Investigate the numbers see if you can recognize simple pattern between these numbers.
3. You might find out more than 1 rule to test if a number is completely divided by 3 or 6.
4. Describe your rule in mathematical language (words, sentence, symbol, diagrams, tables, etc.)
5. Test your rule with other bigger numbers (say 4-digit numbers, some divisible by 3 or 6 and some do not).
6. You might use calculator to avoid careless calculation mistake.
7. Present your work neatly, tidily and logically.