

Student and Teacher

1. Each table below comes from a game of Student and Teacher.

For each one,

- i. write the secret rule
- ii. add two more rows to the table
- iii. draw the graph

a.

Student Number	Teacher Number
0	3
1	5
2	7
3	9
4	11

b.

Student Number	Teacher Number
0	8
1	7
2	6
3	5
4	4

2. For each secret rule below

- i. make a table
- ii. draw the graph

- a. Add 1 to the Student Number. Then double your answer to get the Teacher Number.
- b. The Teacher Number is found by subtracting twice the Student Number from 12.

Challenge!

3. Here is the graph of a secret rule. Can you find the secret rule from the graph?

