Practice worksheet | Coordinates, patterns and graphs

Tables and rules

Name: _____ Date: _____

6 questions | 15 marks

1. For $y = 2n + 5$, find the outputs for n=0,1,2. [2 marks]

2. For $y = 6n$, find the output at n=4. [2 marks]

3. Complete the missing output using the constant-addition pattern. [2 marks]

Input-output pairs

Input	Output
0	2
1	6
2	10
3	?

4. Give a simple rule for the supplied pairs and check it at n=2. [3 marks]

Pairs

n	y
0	2
1	6
2	10
3	14

5. For $y = 3n + 1$, find the input giving output 22. [3 marks]

6. Does $y = 2n + 4$ match every pair (1,6),(2,8),(3,11)? Explain. [3 marks]