

Exploring Number Patterns

1. Write the next 3 terms for each pattern and write the pattern rule.

a) 1, 4, 7, 10, ____, ____, ____

Rule:

b) 76, 65, 54, 43, ____, ____, ____

Rule:

2. Complete each pattern.

a) 13, 17, 21, ____, 29, 33, 37

b) 91, 86, 81, 91, 86, ____, 91, 86, 81

c) 10, 11, 13, 16, ____, 25, 31

Use the table of values to help you solve the problem.

Number of Weeks	Height of Plant (cm)
1	6
2	12
3	18

How much does the plant grow each week? What is the pattern?

How tall will the plant be in 8 weeks? In 12 weeks?
