

8.1 Patterns (continued)

Determine the next three numbers in the following pattern:

2, 5, 8, 11, ...

Now determine the 50th number in the same pattern.

Find the 100th term in this pattern:

7, 4, 1, -2, -5, ...

Write an equation relating t to n based on the following table:

n	0	1	2	3	4
t	4	6	8	10	12

Determine the number of sides needed to produce 10 polygons.



How many hexagons are needed to produce the 50th picture in this pattern?

