

Figure number	1	2	3	4
Visual depiction				
Perimeter	3 units	4 units	5 units	6 units

Look again at the sequence of perimeters of figures generated by joining congruent equilateral triangles. You may recall from a previous course that a sequence can be thought of as a function whose domain is a subset of the integers. For this sequence, the domain is the set of positive integers $\{1, 2, 3, 4, \dots\}$. The range consists of the terms in the sequence: $\{3, 4, 5, 6, \dots\}$.

1. How do the domain values relate to this situation?

2. Why is this relationship a function?