



School:  
Name of Student:  
Sets: triangle  
Further tools: pencil  
Date:

**STUDENT**  
PUSE Task Number  
**A**  
**107**

**Description of the task:**

Construct bigger and bigger triangles using the triangle set.

**Solution(s) of the task:**

Write down the number of the elements used.

\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

How many kinds of triangles could you construct? \_\_\_\_\_

Observe the number of the elements used for the construction.

Can you find a pattern in the differences between the numbers of elements used in consecutive constructions?

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Continue the sequence according to the rule.

\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

**Remarks / Self-evaluation:**