

WORKSHOP 3/2020

Worksheet 15: Geometric Patterns

Werkblad 15: Meetkundige Patrone

1. Cindy is making this growing pattern of pictures with squares:
Cindy maak hierdie groeiende patrone met vierkante:



- Cindy plans to continue the pattern.
Cindy beplan om die patroon verder uit te brei.

- a) Describe Picture 6 and Picture 7 in words.
Beskryf Prent 6 en Prent 7 in woorde.

- b) Describe Picture 60 and Picture 70 in your own words.
Beskryf Prent 60 en Prent 70 in jou eie woorde.

- c) Write a number sentence to show how you can get the answer to the number of squares in Picture 60 and in Picture 70.
Skryf 'n getallesin om te wys hoe jy die antwoord van die vierkante in prent 60 en prent 70 kan kry.

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2. Complete this table and describe your methods.
Voltooi die tabel en verduidelik hoe jy dit gedoen het.

Figure number Figuur nommer	1	2	3	4	5	6	10
Number of pink triangles Aantal pienk driehoeke							
Number of green triangles Aantal groen driehoeke							
Total number of triangles Totale getal driehoeke							

3. Describe the number patterns that you see in the table.
Beskryf die getal patrone wat jy in die tabel gewaar.

4. Complete the flow diagrams below / Voltooi die onderstaande vloeddiagram.

