



education

Department:
Education
PROVINCE OF KWAZULU-NATAL

**Grades 4 to 7 Just-in-Time
Training Workshop
2019: No.3
PRE/POST WORKSHOP
ACTIVITY
MEMO**

TOTAL: 15 marks

TIME: 20 minutes

NAME: _____

SCHOOL: _____

Grades I am teaching maths to this year: _____

Answer in the spaces provided

QUESTION 1: NUMBER PATTERNS

(5 marks)

- a) Write down the next three numbers in the sequence 3; 7; 11; 15; 19; ... (3)

.....

- b) Explain how the sequence is formed (1)

.....

.....

- c) Find the 12th number in the sequence. Show your working out. (2)

.....

.....

.....

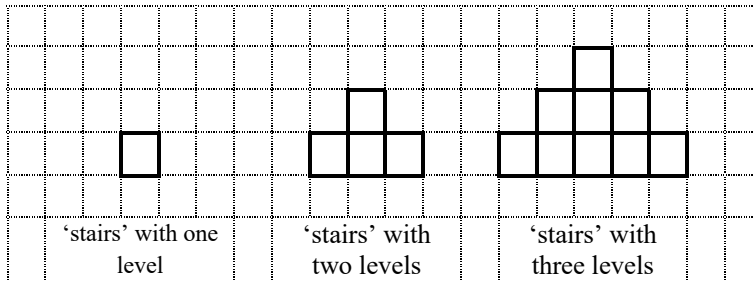
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QUESTION 2: GEOMETRIC PATTERNS

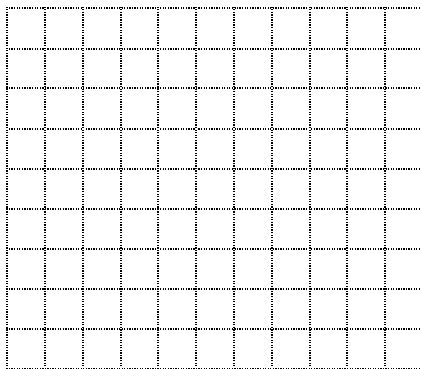
(6 marks)

A child is building sets of ‘stairs’ with some blocks.

The diagram shows the view of the ‘stairs’ that the child has built for 1, 2 and 3 levels.



a) Draw the ‘stairs’ with 4 levels on the squared paper below.



(2)

b) Complete the table:

Number of levels	Number of blocks
1	1
2	4
3	
4	
5	
6	

(4)

QUESTION 3: FLOW DIAGRAMS

(4 marks)

Complete the following flow diagram

