

This week we will be exploring NUMBER PATTERNS with the Grade 5 learners. Scroll through the images for the questions and images linked to the questions.

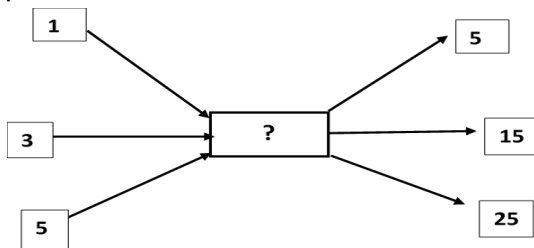
### QUESTIONS:

**Question 1 – Write down the next number in the pattern**

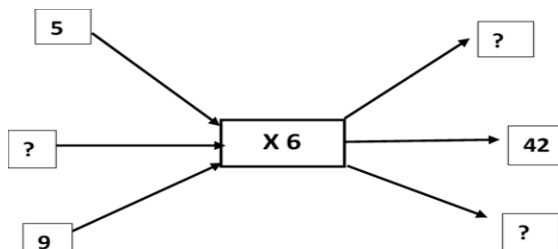
- a) 29, 33, 37, 41, \_\_\_\_
- b) 6, 12, 18, 24, \_\_\_\_
- c) 26, 21, 16, 11, \_\_\_\_
- d) 43, 35, 27, 19, \_\_\_\_
- e) 5, 7, 10, 14, \_\_\_\_
- f) 25, 20, 16, 13, \_\_\_\_

**Question 2 – Complete the flow diagram**

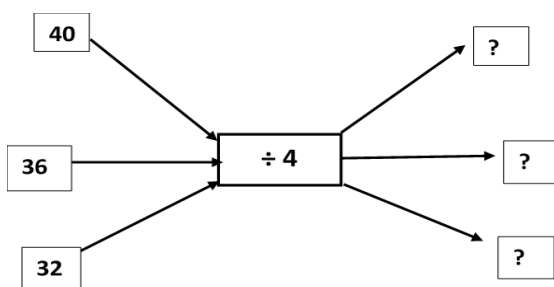
a)



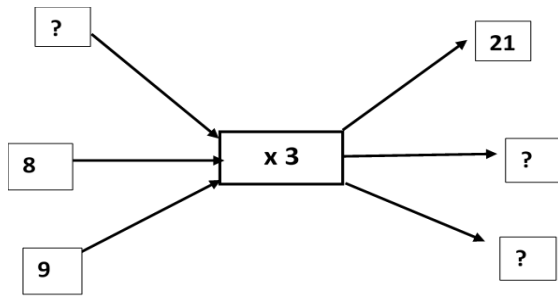
b)



c)

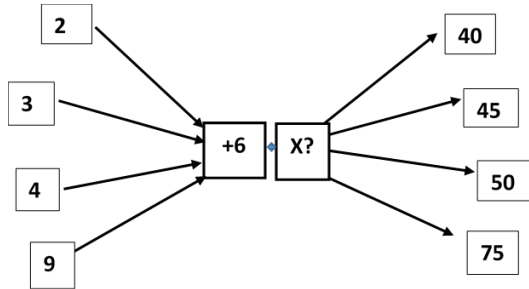


d)

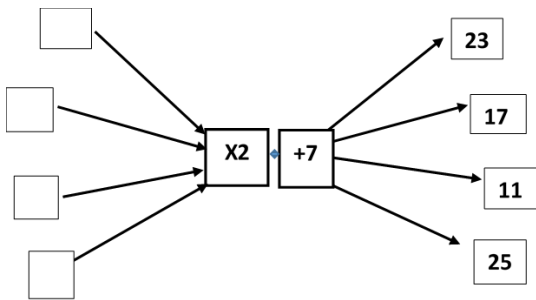


**Question 3 – Complete the flow diagram**

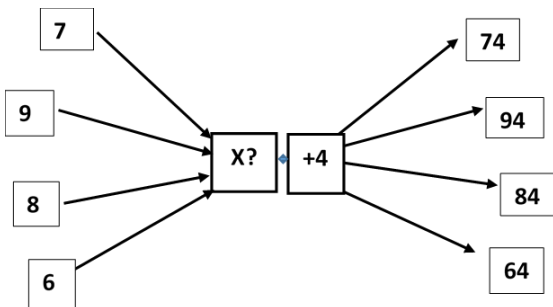
a)



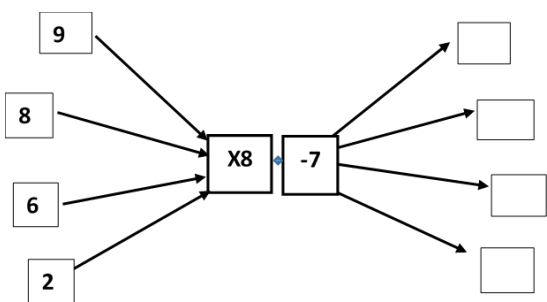
b)



c)



d)



Question 4 – Give the missing number, what is the next number and what is the rule?

Pattern	Missing number	Next number	Rule
3, 9, 4, 12, 7, ___			
85, 94, 87, 96, 89, ___			
1, 2, 4, 7, 11, ___			
20, 25, 21, 26, 22, ___			

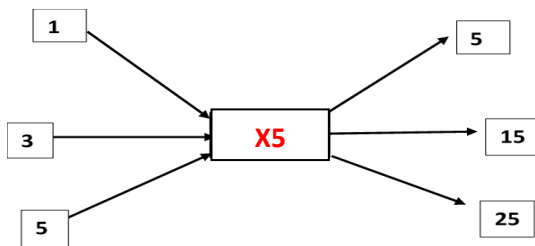
### MEMORANDUM

Question 1 – Write down the next number in the pattern

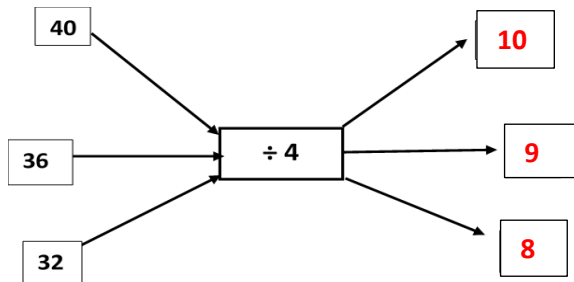
- g) 29, 33, 37, 41, 45
- h) 6, 12, 18, 24, 30
- i) 26, 21, 16, 11, 6
- j) 43, 35, 27, 19, 11
- k) 5, 7, 10, 14, 19
- l) 25, 20, 16, 13, 11

Question 2 – Complete the flow diagram

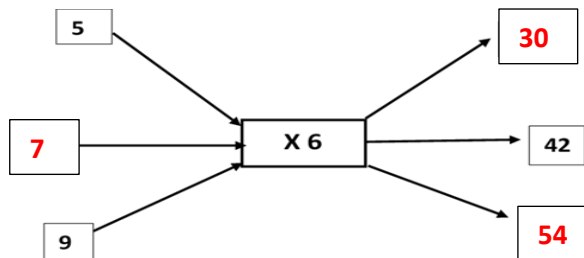
a)



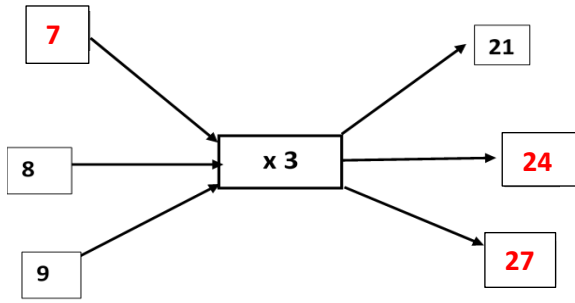
b)



c)

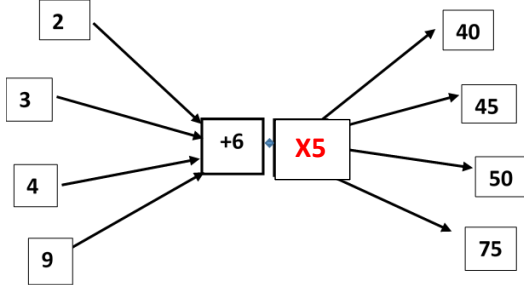


d)

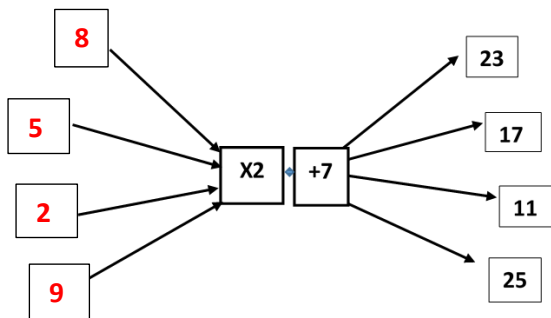


**Question 3 – Complete the flow diagram**

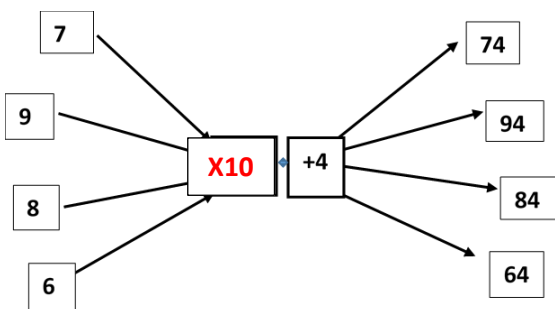
a)



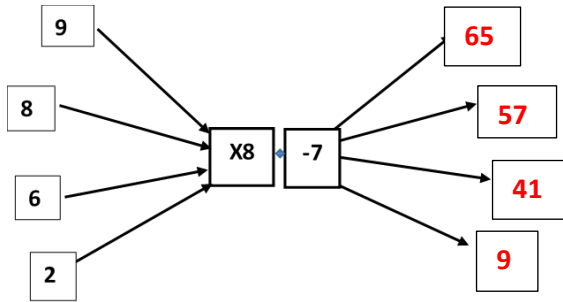
b)



c)



d)



Question 4 – Give the missing number, what is the next number and what is the rule?

Pattern	Missing number	Next number	Rule
3, 9, 4, 12, 7, ___	21	16	Multiply by 3 and subtract 5
85, 94, 87, 96, 89, ___	98	91	Add 9 and subtract 7
1, 2, 4, 7, 11, ___	16	22	Add counting numbers starting with 1
20, 25, 21, 26, 22, ___	27	23	Add 5 and subtract 4