What´s Happening?!

ACTIVITY CARD 2

Observe the sequences.

Sequences	What do we do to get the next term?		By how many?
1) 2, 4, 6, 8, 10, ...	add	multiply	2
2) 3, 12, 48, 192, 768, ...	add	multiply	4
3) 5, 8, 11, 14, 17, ...	add	multiply	
4) 2, 4, 8, 16, 32, ...	add	multiply	
5) 36, 32, 28, 24, 20, ...	subtract	divide	
6) 1000, 500, 250, 125, ...	subtract	divide	
7) -10, -15, -20, -25, -30, ...	add	multiply	
8) -5, -10, -20, -40, -80, ...	add	multiply	

- For numbers 1,3,5 and 7, we either add or subtract a number (***called as a common difference***) to get the next term. We call these sequences as **ARITHMETIC SEQUENCE.**

- For numbers 2, 4, 6 and 8, we either multiply or divide a number (***called as a common ratio***) to get the next term. We call these sequences as **GEOMETRIC SEQUENCE**.

LIVEWORKSHEETS