Ex1: A sequence starts at 16.
3 is subtracted each time. What is the first number in the sequence that is less than zero?

Ex2: A sequence starts at 20.
3 is added each time. What is the 4th number in the sequence?

Ex3: Here is a number sequence, it continues in the same way.
25, 50, 75, 100, ...What is them term-to-term rule for continuing the sequence?

Ex4: Continuing this sequence:
1, 4, 9, 16, 25, ..., ..., ...

Ex5: Find a 2 digit number that satisfied all these rules?
- It's a multiple of 3
- It is a multiple of 4
- It ends in 6

Ex6: Peter starts counting at 88 and counts back in steps of 8: 88, 80, 72, 64, ...
Will the number 1 in the sequence?

Ex7: What is the 10^{th} number of this sequence?
2, 5, 8, 11, 14, 17, ...

Ex8: What is the 10^{th} number of this sequence?
1, 3, 6, 10, 15, ...

Ex9: Put x in the numbers that are factors of 45:
1 2 3 4 7 9 11 13 15 45

Ex10: Put x in the prime numbers:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Ex11: Put x in the composite numbers:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Ex12: Which number could be the odd one out?
19 39 49

Ex13: Given the first term and term-to-term rue, write down the first six term of each sequence.
a. First term is 7, term-to-term rule is 'add 8'
b. First term is 3, term-to-term rule is 'add 5'

LIVEWORKSHEETS