1. The following sequences were made by <u>adding</u> a number repeatedly. In each case, say what number was added.

a) 2, 4, 6, 8   add ____   b) 3, 6, 9, 12   add ____

c) 15, 18, 21, 24   add ____   d) 42, 44, 46, 48   add ____

e) 41, 46, 51, 56   add ____   f) 19, 23, 27, 31   add ____

g) 243, 245, 247, 249   add ____   h) 21, 27, 33, 39   add ____

2. The following sequences were made by <u>subtracting</u> a number repeatedly. In each case, say what number was subtracted.

a) 16, 14, 12, 10   subtract ____   b) 30, 25, 20, 15   subtract ____

c) 100, 99, 98, 97   subtract ____   d) 42, 39, 36, 33   subtract ____

e) 17, 14, 11, 8   subtract ____   f) 99, 97, 95, 93   subtract ____

g) 190, 180, 170, 160   subtract ____   h) 100, 95, 90, 85   subtract ____

3. State the rule for the following patterns.

a) 117, 110, 103, 96, 89   subtract ____   b) 1, 9, 17, 25, 33, 41   add ____

c) 101, 105, 109, 113   _____   d) 99, 88, 77, 66   _____

Bonus: Is the number pattern made by adding 2? Check the gap between each pair of numbers.
a) 9, 11, 13, 16   b) 4, 6, 8, 10
c) 10, 12, 15, 16   d) 3, 5, 7, 9

Bonus: Is the number pattern made by subtracting 4? Check the gap between each pair of numbers.
a) 22, 18, 14, 10   b) 19, 15, 12, 8
c) 30, 26, 22, 18   d) 15, 11, 9, 7