Sequence Match Up 1

Match each sequence to an nth term; generate the two sequences that don't match.

Sequence		nth term
8,5,2, −1		$3n - 2$
6,9,12,15 …		$3n$
4,7,10,13 …		$3n - 3$
3,6,9,12 …		$n + 3$
1,4,7,10 …		$11 - 3n$
11,8,5,2 …		$3n + 3$
0,3,6,9 …		$3n + 1$
4,5,6,7 …		$3n - 1$
2,5,8,11 …		$3n + 2$
5,8,11,14		$-3n + 14$

Sequence Match Up 2

Match each sequence to an nth term; generate the two sequences that don't match.

Sequence		nth term
7,10,13,16 …		$n + 4$
3,7,11,15 …		$1.5n + 0.5$
5,14,23,32 …		$5n + 2$
2, 3.5, 5, 6.5 …		$-3n + 25$
5,6,7,8 …		$9n - 4$
7,12,17,22 …		$4n - 1$
14,13,12,11 …		$3n + 4$
5,11,17,23 …		$6n - 1$
22,19,16,13 …		$15 - n$
19,16,13,10 …		$22 - 3n$

Sequence Match Up

Can you design your own matching activity using the grid below?

Sequence		**nth term**