Name _____ Date _____ Hour _____ Score

4.6 Day 2 - Arithmetic Sequences Practice ws

Write the recursive and explicit formulas for each arithmetic sequence. Use your equation to complete the table!

1)

1	6
2	7
3	8
. . .	. . .
10	
100	
150	

2)

1	7
2	11
3	15
. . .	. . .
10	
100	
150	

3)

2	7
3	11
4	15
. . .	. . .
10	
100	
150	

4)

2	1
4	3
6	5
. . .	. . .
10	
100	
150	

5)

1	3
2	6
3	9
. . .	. . .
10	
100	
150	

6)

1	8
2	13
3	18
. . .	. . .
10	
100	
150	

7)

3	11
4	16
5	21
. . .	. . .
10	
100	
150	

8)

1	8
2	12
3	16
. . .	. . .
10	
100	
150	

9)

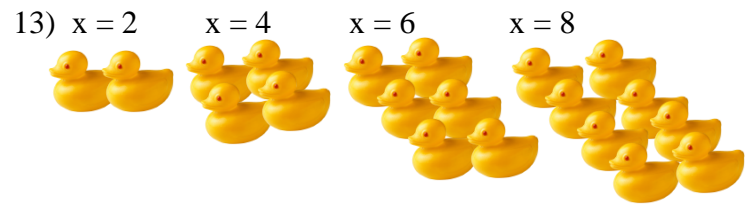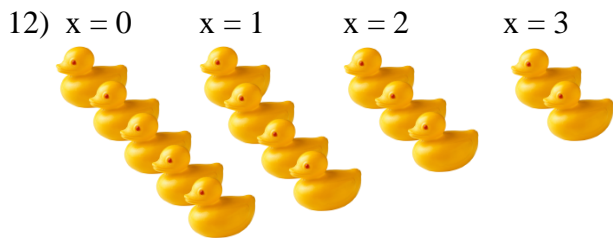| 2	3
3	5
4	7
. . .	. . .
10	
100	
150	

Write the recursive and explicit formulas for each arithmetic sequence.

y represents the number of boxes at each step "x"

10)   x = 1   x = 2   x = 3   x = 4

11)   x = 0   x = 1   x = 2   x = 3
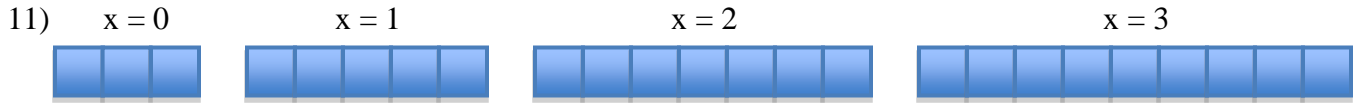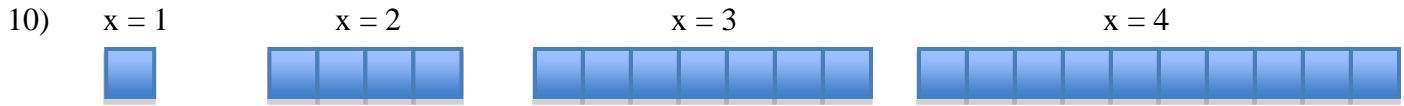
y represents the number of ducks in each row "x"

12) x = 0   x = 1   x = 2   x = 3   13) x = 2   x = 4   x = 6   x = 8

y represents the number of dots at each step "x"

14)   x = 1   x = 2   x = 3   x = 4

15)   x = 0   x = 1   x = 2   x = 3

16)   x = 3   x = 6   x = 9   x = 12